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Merger of meat-packing companies...  
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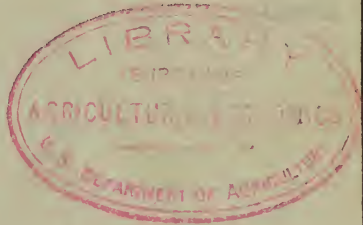
# MERGER OF MEAT-PACKING COMPANIES

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## LETTER FROM THE SECRETARY OF AGRICULTURE

TRANSMITTING

IN RESPONSE TO A SENATE RESOLUTION OF  
DECEMBER 6, 1922, INFORMATION RELATIVE  
TO A PROPOSED MERGER OF LARGE MEAT-  
PACKING COMPANIES AND CERTAIN OTHER  
INFORMATION REQUESTED



DECEMBER 12, 1922.—Referred to the Committee on  
Agriculture and Forestry

SUBMITTED BY MR. NORRIS.

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IN THE SENATE OF THE UNITED STATES,  
*January 3 (calendar day, January 5), 1922.*

*Ordered,* That the communication of the Secretary of Agriculture, relative to the proposed merger of large meat-packing companies, together with certain other information, transmitted to the Senate on December 12, 1922, in response to Senate Resolution 364, be printed, together with the accompanying papers, as a Senate document.

Attest:

GEORGE A. SANDERSON,  
*Secretary.*

## LETTER OF TRANSMITTAL.

DEPARTMENT OF AGRICULTURE,  
Washington, December 12, 1922.

The PRESIDENT OF THE SENATE.

SIR: This communication is in response to a resolution of the Senate of the United States, adopted December 6, 1922 (S. Res. 364), copy of which was duly transmitted to me by the Secretary of the Senate under date of December 6, 1922. This resolution reads as follows:

*Resolved*, That the Secretary of Agriculture be, and hereby is, directed to report immediately to the Senate all information now in his possession relating to any proposed merger or mergers of large meat-packing companies, accompanying said report with a statement of the number of animals annually slaughtered under Federal inspection tabulated by fiscal years, beginning July 1, 1918, and the proportion slaughtered by each of the five principal packers, with their subsidiary and affiliated companies; also to report as to any application for the privilege of merger, by whom made, and what action, if any, he has taken or contemplates taking in reference to such proposed merger.

While I have in mind a due regard for the coordinate relations of the executive and legislative branches of the Government, I am quite willing to comply with this resolution so far as possible.

A statement of the number of animals annually slaughtered under Federal inspection, tabulated by fiscal years, etc., is transmitted herewith.

I have no information as to any proposed merger or mergers of large meat-packing companies other than certain information informally submitted to me by Mr. J. Ogden Armour and two members of his staff, to the effect that there is under consideration a purchase by Armour & Co. of the assets and business of Morris & Co., but not the corporate stock or share capital of Morris & Co., the price to be paid approximately one-third in cash, one-third in preferred stock, and one-third in common stock of the purchasing company or its successors. Armour & Co. and Morris & Co. are two of the five largest meat-packing concerns in the United States. Representatives of Armour & Co. submitted to me three sets of typewritten papers. The first of these is entitled "Law, facts, and argument," and contains certain historical and financial data concerning Armour & Co. and Morris & Co., as well as summary statements of certain information obtained primarily from public records and documents, relating to the slaughtering and meat packing business in the United States, with special reference to the operations of these two concerns. This paper also contains a discussion of the packers and stockyards act, the Federal Trade Commission act, the Clayton Act, and the Sherman antitrust law, in their bearings on the proposed action, together with a general argument. The second of these papers is a "Brief" on law points. The third is an "Appen-



dix," containing detailed information purporting to be taken mainly from public records, as to such matters as the purchase and slaughter of animals by the various packing concerns, volume and character of business over various periods of time, including a statement of the names and locations of competitive concerns operating at various markets where Armour & Co. and Morris & Co. are engaged in business. Copies of these papers are transmitted herewith.

In stating to me what they desire to do, namely, to purchase the physical assets of Morris & Co., Mr. Armour and the members of his staff did not present an application for the privilege of merger. They said they came to make plain in advance the proposed business transaction, and they expressed the hope that it would not be found to be in violation of the law and that it would not meet the opposition of this department. They said further that they hoped that upon consideration I might be able to agree with them that the proposed transaction would result in substantial economics in the transaction of their business and that these economics would be reflected both in the price they were able to pay producers for live stock and in the price at which they would be able to sell meats to the consumers. They contended that the bringing together of these two plants would result in savings of many millions of dollars each year and would enable them to conduct their packing and distributing operations more economically and consequently to compete more vigorously both in the purchase of live stock and in the sale of meats.

I have given careful consideration to the provisions of Title II of the packers and stockyards act, particularly that portion which makes it unlawful for any packer to "engage in any course of business or do any act for the purpose or with the effect of manipulating or controlling prices in commerce, or of creating a monopoly in the acquisition of, buying, selling, or dealing in, any article in commerce, or of restraining commerce"; and to the provisions of section 402 of the packers and stockyards act, that "the provisions (including penalties) of sections 6, 8, 9, and 10 of the act entitled 'An act to create a Federal Trade Commission, to define its powers and duties, and for other purposes,' approved September 26, 1914, are made applicable to the jurisdiction, powers, and duties of the Secretary in enforcing the provisions of this act and to any person subject to the provisions of this act, whether or not a corporation." There is nothing in the act itself which specifically prohibits the purchase by one packer of the physical assets of another. The question seems to be whether out of such a transaction would flow conditions or actions which would come within the prohibitions of the act.

On Monday, November 27, I met with the President and the Attorney General, at which time the proposed purchase by Armour & Co. of the physical assets of Morris & Co. was considered. There was unanimity of agreement that there was no obligation upon either of us to indorse or acquiesce in the action proposed or to express an opinion concerning it. On the contrary, each was firmly of the opinion that none of us would or could be expected to approve in advance a transaction of this kind. The real question under discussion was whether the proposed purchase and sale might in and of itself be a violation of the law or whether it was of such a nature as to warrant action by any of us in advance of its consummation.

I addressed to the Attorney General an inquiry as follows:

The packers and stockyards act, 1921, in Title II, section 202, makes unlawful certain conduct on the part of packers as defined in the act: and in section 203 provides for a procedure in case the Secretary has reason to believe that any packer has violated or is violating any provision of Title II.

Title IV, section 402, provides that for the efficient execution of the provisions of this act, and in order to provide information for the use of Congress, the provisions of sections 6, 8, 9, and 10 of the Federal Trade Commission act are made applicable to the jurisdiction, powers, and duties of the Secretary of Agriculture in enforcing the packers and stockyards act. The above references are not comprehensive, but serve to direct attention to the basis for the question on which I desire your advice.

Recently the head of one of the five largest packing concerns has called upon me and has stated that he has in contemplation the purchase of the physical assets of another of these five largest packing concerns, the purchase price being part cash and part in the stock of the purchasing concern, and including the assumption of certain liabilities of the selling concern. The question upon which I desire your opinion is whether the terms of the packers and stockyards act contemplate or require me to take any action with regard to such a transaction in advance of its consummation.

In reply to this inquiry I have received the following communication from the Attorney General:

In your letter of November 22, 1922, you state that the head of one of the five largest meat-packing concerns has called upon you and stated that he has in contemplation the purchase of the physical assets of another of these five largest packing concerns, the purchase price being part cash and part in the stock of the purchasing concern and including the assumption of certain liabilities of the selling concern. You also state in your letter that you desire my opinion as to whether the terms of the "packers and stockyards act, 1921," contemplate or require you to take any action with regard to such a transaction in advance of its consummation.

Section 202 in Title II of the "packers and stockyards act, 1921," makes certain acts by a packer, as packer is defined in such act, unlawful. Section 203, in Title II, of this act provides that "whenever the Secretary has reason to believe that any packer has violated or is violating any provision of this title" he shall cause a complaint to be issued and a hearing to be held. This section also provides that if "after such hearing the Secretary finds that the packer has violated or is violating any provision of this title," the Secretary shall make a report of his findings of fact and shall issue an order requiring the packer "to cease and desist from continuing such violation."

Section 402 of Title IV of the "packers and stockyards act, 1921," provides that "for the efficient execution of the provisions of this act and in order to provide information for the use of Congress the provisions (including penalties) of sections 6, 8, 9, and 10 of the act entitled 'An act to create a Federal Trade Commission, to define its powers and duties, and for other purposes,' approved September 26, 1914, are made applicable to the jurisdiction, powers, and duties of the Secretary in enforcing the provisions of this act."

The provisions of the Federal Trade Commission act pertinent to this inquiry are those found in section 6 and are as follows:

"The commission shall also have power (a) to gather and compile information concerning and to investigate from time to time the organization, business, conduct, practices, and management of any corporation engaged in commerce, \* \* \* and its relation, to other corporations and to individuals, associations, and partnerships; \* \* \* (f) to make public, from time to time, such portions of the information obtained by it hereunder, except trade secrets and names of customers as it shall deem expedient in the public interest."

It is my opinion that the "packers and stockyards act, 1921" is essentially a regulatory act and that the duties and powers of the Secretary of Agriculture thereunder are to regulate the industry included within its provisions. Neither the act itself nor the regulation provided for therein contemplates or requires that you should advise the industry in regard to such a transaction in advance of its consummation.

In the opinion in the case of *Stafford and others v. Wallace and others*, decided by the Supreme Court of the United States May 1, 1922, Mr. Chief Justice Taft said:

"The language of the law shows that what Congress had in mind primarily was to prevent such conspiracies by supervision of the agencies which would be likely to be employed in it. \* \* \* Congress has found as an evil to be apprehended and to be prevented by the act here in question, (in) the use and control of stockyards and the commission men to promote a packers' monopoly of interstate commerce. \* \* \* Its



provisions are carefully drawn to apply only to those practices and obstructions which in the judgment of Congress are likely to affect interstate commerce prejudicially."

The act in section 203 provides that when you have reason to believe that any packer has violated or is violating the provisions of that act you should proceed to issue a complaint and conduct a hearing and if you find that the packer has violated or is violating such act you shall render a report of the facts and issue an order requiring the packer to cease and desist from continuing such violation. The provisions of the Federal Trade Commission act are carried into the "packers and stockyards act, 1921," for the purpose, as expressed therein, of enabling the efficient execution of the provisions of the "packers and stockyards act, 1921," and in order to provide information for the use of Congress. This does not seem to broaden the purposes or the essential powers conferred by the "packers and stockyards act, 1921." The language used in the "packers and stockyards act, 1921," makes it clear to me that the act does not require you to take any formal action unless you have reason to believe that the law has been violated or is being violated. To constitute a violation of the law within the meaning of this act there must be something more than a mere statement of what a person or corporation contemplates.

In answer to your question as to whether the terms of the "packers and stockyards act, 1921," contemplate any action on your part in connection with the proposed purchase of physical assets, I am of opinion that the act vests you with broad powers of inquiry and that you may make such inquiry.

For some weeks I have been making certain investigations and studies for the purpose of trying to measure the probable effect upon competition in the buying of live stock and the selling of meat if the suggested purchase and sale should be completed, but as yet no occasion seems to have arisen which requires formal action.

As to future action, that will depend altogether upon future events.

Respectfully,

HENRY C. WALLACE. *Secretary.*

Table showing number of cattle, calves, sheep, goats, and hogs slaughtered under Federal inspection during four fiscal years from July 1, 1918, to June 30, 1922, inclusive, and the proportion slaughtered by each of the five principal packers, including their subsidiary and affiliated companies.

	Cattle.			Calves.			Sheep (including goats.)			Hogs.			All animals.		
	Number.	Percentage of—		Number.	Percentage of—		Number.	Percentage of—		Number.	Percentage of—		Number.	Percentage of—	
		Grand total.	Big Five total.		Grand total.	Big Five total.		Grand total.	Big Five total.		Grand total.	Big Five total.		Grand total.	Big Five total.
Grand total, United States inspected slaughter:															
1919.	11,241,991	.....	.....	3,674,227	.....	.....	11,394,030	.....	.....	44,398,389	.....	.....	70,708,637	.....	.....
1920.	9,709,819	.....	.....	4,227,558	.....	.....	12,412,937	.....	.....	38,981,014	.....	.....	65,331,388	.....	.....
1921.	8,179,572	.....	.....	3,890,207	.....	.....	12,472,462	.....	.....	37,702,806	.....	.....	62,231,107	.....	.....
1922.	7,871,457	.....	.....	3,924,255	.....	.....	11,982,192	.....	.....	39,416,439	.....	.....	63,194,343	.....	.....
Total, Big Five:															
1919.	8,827,831	78.5	.....	2,840,568	77.3	.....	9,889,951	86.8	.....	27,430,371	61.8	.....	48,988,721	69.3	.....
1920.	7,429,352	76.5	.....	3,149,581	74.5	.....	10,503,799	84.5	.....	21,715,901	55.7	.....	42,798,633	65.5	.....
1921.	5,933,983	72.5	.....	2,764,966	70.9	.....	10,156,924	81.4	.....	19,941,965	52.9	.....	38,797,818	62.3	.....
1922.	5,622,693	71.4	.....	2,728,655	69.5	.....	9,513,575	79.3	.....	19,587,281	49.7	.....	37,452,204	59.3	.....
Total, all others:															
1919.	2,414,160	21.5	.....	833,659	22.7	.....	1,504,079	13.2	.....	16,968,018	38.2	.....	21,719,916	30.7	.....
1920.	2,280,467	23.5	.....	1,077,977	25.5	.....	1,908,298	15.5	.....	17,266,013	44.3	.....	22,532,755	34.5	.....
1921.	2,245,589	27.5	.....	1,131,241	29.1	.....	2,315,538	18.6	.....	17,760,901	47.1	.....	23,453,269	37.7	.....
1922.	2,248,764	28.6	.....	1,195,600	30.5	.....	2,468,617	20.7	.....	19,829,158	50.3	.....	25,742,139	40.7	.....
Armour & Co.:															
1919.	2,293,243	20.4	26.0	689,140	18.7	24.3	2,445,373	21.5	24.7	7,239,915	16.3	26.4	12,667,671	18.0	25.9
1920.	1,905,043	19.6	25.6	700,090	18.6	25.1	2,572,325	20.7	24.5	6,004,594	15.4	27.6	11,272,252	17.2	26.4
1921.	1,536,203	18.8	25.9	723,261	18.6	26.2	2,493,370	20.0	24.6	5,493,943	14.6	27.6	10,248,777	16.4	26.4
1922.	1,433,948	18.2	25.5	731,107	18.6	26.8	2,291,789	19.1	24.1	5,561,353	14.1	28.4	10,018,197	15.8	26.7
Morris & Co.:															
1919.	1,527,503	13.6	17.3	335,966	9.1	11.8	1,121,319	9.8	11.3	3,478,797	7.8	12.7	6,463,585	9.1	13.2
1920.	1,293,962	13.4	17.4	368,315	8.7	11.7	1,192,070	9.6	11.3	2,691,855	6.9	12.4	5,546,202	8.5	12.9
1921.	957,025	11.7	16.1	314,291	8.1	11.4	1,089,057	8.7	10.7	2,353,668	6.3	11.8	4,714,641	7.6	12.2
1922.	951,865	12.1	16.9	308,488	7.9	11.3	1,046,814	8.7	11.0	2,297,925	5.8	11.7	4,605,092	7.3	12.3
Total Armour & Co. and Morris & Co.:															
1919.	3,820,746	34.0	43.3	1,025,106	27.9	36.1	3,566,692	31.3	36.0	10,718,712	24.1	39.1	19,131,256	27.1	39.1
1920.	3,199,005	33.0	43.0	1,158,405	27.3	36.8	3,764,595	30.3	35.8	8,096,449	22.3	40.0	16,818,454	25.7	39.3
1921.	2,493,228	30.5	42.0	1,037,552	26.6	37.5	3,583,027	28.7	35.3	7,849,611	20.9	39.4	14,963,418	24.0	38.5
1922.	2,385,813	30.3	42.4	1,039,595	26.5	38.1	3,338,603	27.8	35.1	7,859,278	19.9	40.1	14,623,289	23.1	39.0

Table showing number of cattle, calves, sheep, goats, and hogs slaughtered under Federal inspection during four fiscal years from July 1, 1918, to June 30, 1922, inclusive, and the proportion slaughtered by each of the five principal packers, including their subsidiary and affiliated companies—Continued.

	Cattle.			Calves.			Sheep (including goats.)			Hogs.			All animals.		
	Number.	Percentage of—		Number.	Percentage of—		Number.	Percentage of—		Number.	Percentage of—		Number.	Percentage of—	
		Grand total.	Big Five total.		Grand total.	Big Five total.		Grand total.	Big Five total.		Grand total.	Big Five total.		Grand total.	Big Five total.
Swift & Co.:															
1919.....	3,053,870	27.2	34.6	1,383,677	37.6	48.7	4,230,373	37.1	42.8	11,197,522	25.3	40.8	19,865,442	28.2	40.5
1920.....	2,576,584	26.6	34.7	1,486,718	35.2	47.2	4,472,720	36.0	42.7	8,476,639	21.7	39.0	17,012,661	26.0	38.8
1921.....	2,001,754	24.5	33.7	1,340,843	34.4	48.5	4,362,827	35.0	43.0	7,631,471	20.2	38.2	16,336,885	24.6	38.5
1922.....	1,903,768	24.3	34.0	1,328,384	33.8	48.7	4,131,260	34.5	43.4	7,554,836	19.2	38.6	14,924,248	23.7	39.9
Wilson & Co.:															
1919.....	1,051,182	9.3	11.9	242,784	6.6	8.5	944,625	8.3	9.6	3,016,626	6.8	11.0	5,255,217	7.4	10.7
1920.....	839,728	8.6	11.3	235,771	5.6	7.5	991,441	8.0	9.4	2,533,262	6.5	11.7	4,600,202	7.1	10.7
1921.....	780,042	9.5	13.1	228,294	5.8	8.3	1,120,930	9.0	11.0	2,650,434	7.0	13.3	4,779,700	7.7	12.3
1922.....	721,655	9.2	12.8	234,336	6.0	8.6	987,921	8.2	10.4	2,319,723	5.9	11.8	4,263,635	6.7	11.4
Cudahy Packing Co.:															
1919.....	902,033	8.0	10.2	189,001	5.1	6.7	1,148,261	10.1	11.6	2,497,511	5.6	9.1	4,736,806	6.6	9.7
1920.....	814,035	8.3	11.0	208,687	6.3	8.5	1,275,043	10.2	12.1	2,009,551	5.2	9.3	4,367,316	6.7	10.2
1921.....	658,959	8.0	11.1	188,277	4.0	5.7	1,080,140	8.7	10.7	1,810,449	4.8	9.1	3,717,825	6.0	9.6
1922.....	605,457	7.6	10.8	126,340	3.2	4.6	1,065,791	8.8	11.1	1,833,444	4.7	9.5	3,641,082	5.8	9.7



*Estimated total number of animals slaughtered (including farm) in the United States, years 1912 to 1921.*

[Photostat copy of a page of the Armour & Co. appendix, which is self-explanatory.]

	Cattle.	Calves.	Sheep and lambs.	Goats.	Hogs.	Total slaughtered.
1912.....	11,979,000	6,348,000	19,433,400	206,800	56,022,000	93,989,200
1913.....	11,477,600	5,284,500	18,689,400	214,600	57,593,500	93,259,600
1914.....	11,004,500	4,661,400	18,460,500	499,000	55,148,100	89,773,500
1915.....	10,822,100	4,639,500	15,843,000	435,000	65,046,000	96,803,600
1916.....	12,026,700	5,773,900	15,492,200	564,300	73,035,600	106,892,700
1917.....	13,723,900	7,030,700	12,123,800	470,000	57,488,800	90,837,200
1918.....	15,750,449	7,767,193	13,230,577	390,125	65,732,450	102,870,794
1919.....	13,635,084	9,041,019	16,264,817	247,480	66,680,330	105,868,730
1920.....	12,847,691	9,223,370	14,079,680	120,477	60,635,884	96,907,102
1921.....	12,271,280	8,654,568	16,673,005	34,433	62,172,856	99,806,142
Total, 10 years.....	125,538,304	68,424,150	160,290,379 163,472,594	3,182,215	619,555,520	976,990,568

Source: U. S. Department of Agriculture, Department Circular No. 241, Food Animals and Meat Consumption in the United States, John Roberts, editorial office, Bureau of Animal Industry, September, 1922.

*Percentage of United States inspected slaughter to total slaughter, years 1912 to 1921.*

[Photostat copy of a page of the Armour & Co. appendix, which is self-explanatory.]

	Cattle.	Calves.	Sheep and lambs.	Goats.	Hogs.	Total.
	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>
1912.....	60.54	35.88	77.08	35.24	59.00	61.32
1913.....	60.29	36.00	77.07	35.25	59.38	61.72
1914.....	61.39	36.40	77.04	35.25	58.98	61.70
1915.....	66.09	39.20	77.06	35.25	59.00	61.70
1916.....	69.10	41.00	77.08	35.24	59.00	61.66
1917.....	75.41	44.70	77.08	35.25	58.98	62.65
1918.....	75.09	44.50	78.00	35.30	62.70	65.08
1919.....	74.00	43.90	78.03	35.24	62.69	64.84
1920.....	67.01	44.00	77.99	35.26	62.70	63.68
1921.....	62.00	44.00	77.99	35.24	62.70	63.54
Total, 10 years.....	67.65	41.65	76.60		60.54	62.83

Number of animals used in obtaining the above percentages are on the two preceding statements.

*Number of head of live stock purchased by Armour & Co., percentage that purchase is of estimated total slaughter in the United States, and percentage that purchase is of United States inspected slaughter.*

[Photostat copy of a page of the Armour & Co. appendix, and is self-explanatory.]

	Cattle.	Calves.	Sheep, lambs and goats.	Hogs.	Total.
1912.....	1,416,481	288,672	2,695,778	5,413,969	9,814,900
1913.....	1,404,247	295,930	2,896,991	5,213,010	9,810,178
1914.....	1,286,173	268,987	2,885,078	4,746,941	9,187,179
1915.....	1,421,289	276,940	2,437,747	5,175,692	9,311,668
1916.....	1,566,816	355,400	2,455,650	6,288,231	10,666,097
1917.....	2,017,967	540,216	1,949,189	5,946,741	10,454,113
1918.....	2,382,653	655,156	1,977,903	6,261,168	11,276,880
1919.....	1,959,676	685,928	2,458,383	6,891,766	11,995,753
1920.....	1,692,980	761,887	2,350,538	5,767,409	10,572,714
1921.....	1,390,061	699,784	2,536,247	5,468,415	10,094,507
Total.....	16,538,343	4,828,900	24,643,504	57,173,342	103,184,089
Estimated total slaughter <sup>1</sup> .....	125,538,304	68,424,150	163,472,594	619,555,520	976,990,089
Armour & Co. percentage.....	13.17	7.06	15.08	9.23	10.56
United States inspected slaughter.....	84,936,885	28,497,398	125,232,656	375,189,912	613,856,851
Armour & Co. percentage.....	19.47	16.95	19.68	15.24	16.81

<sup>1</sup> The estimated total slaughter in the United States and the number of animals slaughtered annually under Federal inspection in the United States are as issued in the United States Department of Agriculture, Department Circular No. 241, "Food animals and meat consumption in the United States." John Roberts, editorial office, Bureau of Animal Industry, September, 1922.

The purchase and the slaughter are practically the same, and the purchase is used in order to conform to similar statements of other packers, the slaughter figures of which are not available.

The purchase of Fowler, Canada, is not included.

*Number of head of live stock purchased by Morris & Co., percentage that purchase is of estimated total slaughter in the United States, and percentage that purchase is of United States inspected slaughter.*

[Photostat copy of a page of the Armour & Co. appendix, and is self-explanatory.]

	Cattle.	Calves.	Sheep, lambs, and goats.	Hogs.	Total, all live stock.
1912.....	920,572	176,796	1,378,446	2,105,815	4,581,629
1913.....	915,750	158,066	1,329,394	2,119,531	4,522,741
1914.....	847,723	128,424	1,292,755	1,945,652	4,214,554
1915.....	942,599	141,794	1,085,107	2,149,604	4,319,104
1916.....	1,036,282	173,261	1,089,731	2,611,640	4,910,914
1917.....	1,306,015	251,942	923,133	2,394,426	4,878,516
1918.....	1,467,631	268,177	965,951	2,513,336	5,215,095
1919.....	1,279,679	309,210	1,183,378	3,102,470	5,874,737
1920.....	1,053,163	286,493	1,069,919	2,285,005	4,684,579
1921.....	859,541	244,454	1,161,744	2,153,857	4,419,596
Total.....	10,618,954	2,138,617	11,482,558	23,381,336	47,621,465
Estimated total slaughter <sup>1</sup> .....	125,538,304	68,424,150	163,472,594	619,555,520	976,990,568
Morris & Co. percentage.....	8.46	3.12	7.02	3.77	4.87
United States inspected slaughter.....	84,936,885	28,497,398	125,232,656	375,186,912	613,858,851
Morris & Co. percentage.....	12.50	7.50	9.17	6.23	7.76

<sup>1</sup> The estimated total slaughter in the United States and the number of animals slaughtered annually under Federal inspection in the United States are as issued in the United States Department of Agriculture, Department Circular No. 241, "Food animals and meat consumption in the United States." John Roberts, editorial office, Bureau of Animal Industry, September, 1922.

The purchase and the slaughter are practically the same, and the purchase is used as the slaughter figures are not available.

*Number of head live stock purchased by Swift & Co., percentage that purchase is of estimated total slaughter in the United States, and percentage that purchase is of United States inspected slaughter.*

[Photostat copy of a page of the Armour & Co. appendix and is self-explanatory.]

	Cattle.	Calves.	Sheep, lambs, and goats.	Hogs.	Total, all live stock.
1912.....	1,768,459	560,980	3,732,358	7,330,403	13,392,200
1913.....	1,772,124	478,531	4,057,058	7,322,881	13,630,594
1914.....	1,598,016	414,282	4,044,059	6,286,861	12,343,218
1915.....	1,799,190	438,978	3,460,897	6,980,659	12,679,724
1916.....	1,995,043	557,527	3,456,872	8,086,635	14,096,077
1917.....	2,575,259	851,963	2,738,806	7,627,167	13,793,195
1918.....	3,008,309	1,018,482	2,842,854	8,187,055	15,056,700
1919.....	2,574,291	1,173,819	3,710,619	9,225,082	16,683,811
1920.....	2,068,362	1,144,547	2,914,881	7,122,482	13,250,272
1921.....	1,736,089	1,023,387	3,189,567	6,564,488	12,513,531
Total.....	20,895,142	7,662,496	34,147,971	74,733,713	137,439,322
Estimated total slaughter <sup>1</sup> .....	125,538,304	68,424,150	163,472,594	619,555,520	976,990,568
Swift & Co. percentage.....	16.64	11.20	20.89	12.06	14.07
United States inspected slaughter.....	84,936,885	28,497,398	125,232,656	375,189,912	613,856,851
Swift & Co. percentage.....	24.60	26.89	27.26	19.92	22.39

<sup>1</sup> The estimated total slaughter in the United States and the number of animals slaughtered annually under Federal inspection in the United States are as issued in the United States Department of Agriculture, Department Circular No. 241, "Food animals and meat consumption in the United States," John Roberts editorial office, Bureau of Animal Industry, September, 1922.

The purchase and the slaughter are practically the same, and the purchase is used in order to conform to a similar statement of other packers the slaughter figures of which are not available.

The purchase of Toronto, Canada, is not included.



*Number of head of live stock purchased by Wilson & Co., percentage that purchase is of estimated total slaughter in the United States, and percentage that purchase is of United States inspected slaughter.*

[Photostat copy of a page of the Armour & Co. appendix, and is self-explanatory.]

	Cattle.	Calves.	Sheep, lambs, and goats.	Hogs.	Total, all live stock.
1912.....	641,917	81,064	912,656	1,596,415	3,232,052
1913.....	620,214	100,350	998,167	1,690,931	3,409,662
1914.....	565,491	91,830	1,030,586	1,593,823	3,281,730
1915.....	568,848	90,160	918,123	2,096,442	3,673,573
1916.....	644,764	124,933	875,017	2,126,884	3,771,598
1917.....	817,556	153,759	603,448	1,998,468	3,573,231
1918.....	922,676	204,986	621,949	2,325,759	4,075,370
1919.....	832,264	227,735	1,000,095	2,703,534	4,763,628
1920.....	685,092	154,357	712,427	2,322,017	3,873,893
1921.....	569,867	138,113	805,660	2,155,515	3,669,155
Total.....	6,868,689	1,367,287	8,478,128	20,609,788	37,323,892
Estimated total slaughter <sup>1</sup> .....	125,538,304	68,424,150	163,472,594	619,555,520	976,990,568
Wilson & Co. percentage.....	5.47	2.00	5.19	3.33	3.82
United States inspected slaughter.....	84,936,885	28,497,398	125,232,656	375,189,912	613,856,851
Wilson & Co. percentage.....	8.09	4.80	6.77	5.49	6.08

<sup>1</sup> The estimated total slaughter in the United States and the number of animals slaughtered annually under Federal inspection in the United States are as issued in the United States Department of Agriculture, Department Circular No. 241, "Food animals and meat consumption in the United States," John Roberts, editorial office, Bureau of Animal Industry, September, 1922.

The purchase and the slaughter are practically the same, and the purchase is used, as the slaughter figures are not available.

*Number of head live stock purchased by Cudahy & Co., percentage that purchase is of estimated total slaughter in the United States, and percentage that purchase is of United States inspected slaughter.*

[Photostat copy of a page of the Armour & Co. appendix and is self-explanatory.]

	Cattle.	Calves.	Sheep, lambs, and goats.	Hogs.	Total, all live stock.
1912.....	479,880	99,739	1,028,690	1,847,419	3,455,728
1913.....	470,797	69,792	944,559	1,757,868	3,243,016
1914.....	424,158	48,817	1,035,454	1,553,795	3,062,224
1915.....	519,491	47,869	903,142	1,663,747	3,134,249
1916.....	542,427	78,995	861,543	1,936,549	3,419,514
1917.....	708,827	162,430	795,219	1,953,698	3,620,174
1918.....	867,256	151,677	926,614	2,040,445	3,985,992
1919.....	796,443	192,973	1,170,165	2,231,507	4,391,088
1920.....	660,213	147,417	798,050	1,581,332	3,187,012
1921.....	550,436	100,550	829,766	1,637,067	3,117,819
Total.....	6,019,928	1,100,259	9,293,202	18,203,427	34,616,816
Estimated total slaughter <sup>1</sup> .....	125,538,304	68,424,150	163,472,594	619,555,520	976,990,568
Cudahy & Co. percentage.....	4.80	1.61	5.68	2.94	3.54
United States inspected slaughter.....	84,936,885	28,497,398	125,232,656	375,189,912	613,856,851
Cudahy & Co. percentage.....	7.09	3.86	7.42	4.85	5.64

<sup>1</sup> The estimated total slaughter in the United States and the number of animals slaughtered annually under Federal inspection in the United States are as issued in the United States Department of Agriculture, Department Circular No. 241, "Food Animals and Meat Consumption in the United States," John Roberts, editorial office, Bureau of Animal Industry, September, 1922.

The purchase and the slaughter are practically the same, and the purchase is used as the slaughter figures are not available.

*Condensed profit and loss statement of 170 packing concerns for their fiscal year ended in 1921.*

[Italic figures indicate losses.]

	Total average net worth.	Total receipts.	Total expendi- tures.	Total gains or losses for period.	Percentage rates of re- turn on net worth.	Percentage rates of re- turn on receipts.
Group 1 (117 concerns, average net worth not exceeding \$1,000,000 each).....	\$34,436,977.00	\$197,344,631.59	\$194,856,066.94	\$2,488,564.65	7.22	1.23
Group 2 (39 concerns, average net worth over \$1,000,000 and not exceeding \$4,000,000 each).....	79,949,164.27	320,870,773.09	319,180,295.85	1,690,477.24	2.11	.52
Group 3 (9 concerns, average net worth over \$4,000,000 and not exceeding \$12,000,000 each).....	65,667,853.44	281,852,028.66	280,309,136.11	1,542,892.55	2.35	.574
Group 4 (5 concerns, average net worth over \$12,000,000 each).....	564,095,661.53	1,784,881,460.87	1,845,882,726.76	61,001,265.89	10.81	3.40
Total (170 concerns).....	744,149,656.24	2,584,948,894.21	2,640,228,225.66	55,279,331.45	7.44	2.14
Total without group 4.....	180,053,994.71	800,067,433.34	794,345,498.90	5,721,934.44	3.18	.715

*Condensed profit and loss statement of five largest packers for fiscal year ended in 1921.*

[Italic figures indicate losses.]

	Total average net worth.	Total receipts.	Total expendi- tures.	Total gains or losses for period.	Percentage rates of re- turn on net worth.	Percentage rates of re- turn on receipts.
Armour.....	\$222,769,945.62	\$538,421,973.64	\$570,131,791.16	\$31,709,817.62	14.23	5.89
Swift.....	221,646,136.89	689,759,000.00	697,371,291.77	7,812,291.77	3.52	1.13
Morris.....	47,985,525.81	217,663,838.28	229,111,379.05	11,447,540.77	24.21	5.08
Wilson.....	42,256,317.77	164,823,274.74	173,287,327.51	8,463,052.77	20.03	5.13
Cudahy.....	30,157,735.44	174,211,374.21	175,780,837.27	1,568,563.06	5.21	.90
Total.....	564,095,661.53	1,784,881,460.87	1,845,882,726.76	61,001,265.89	10.81	3.40



## MERGER OF MEAT-PACKING COMPANIES.

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LAW, FACTS, AND ARGUMENT WITH RESPECT TO THE PROPOSED  
PURCHASE BY ARMOUR & CO. OF THE PHYSICAL ASSETS AND  
PROPERTIES OF MORRIS & CO.

(Submitted by Armour & Co.)

### OPENING STATEMENT.

Armour & Co. is a corporation organized under the laws of the State of Illinois, on April 7, 1900. At the present time it has an authorized capital stock of \$400,000,000, of which \$100,000,000 is represented by preferred stock, and \$300,000,000 by common stock. The preferred stock is divided into 1,000,000 shares of a par value of \$100 each, and is 7 per cent cumulative stock. There are two classes of common stock, class A and class B, \$150,000,000 each, with a par value of \$25 per share, there being 6,000,000 shares of each class of common stock. Of the total authorized capital stock there is now issued and outstanding \$50,673,400 of preferred stock, and \$50,000,000 each of the class A and class B common stock, or a total of \$150,673,400 of both common and preferred stock.

The company is engaged in the manufacture and sale of fresh meat and packing-house products. It owns and operates 16 packing plants located in various cities in the United States, the principal ones being in the Middle Western States. It also operates 332 branch houses for the distribution of its products, which are located in all of the principal cities of the United States. A list and location of the company's packing houses and branch houses appears in the appendix.

The company purchases live stock, which is the raw material, from the producer, and converts, at its various plants, the raw material into the finished product, which it sells, through its branch houses, to retail dealers. It does not produce and does not control the production of the raw material. It does not deal direct with the consumer, but stands between the producer and the ultimate consumer.

Morris & Co. is a corporation organized under the laws of the State of Maine on October 16, 1903, with an authorized and outstanding capital stock of \$30,000,000 of common stock, divided into 300,000 shares of a par value of \$100 each, and \$10,000,000 of 7 per cent cumulative stock, divided into 100,000 shares of a par value of \$100 each. This company is also engaged in the manufacture and sale of fresh meat and packing-house products. It owns and operates seven packing houses located at various points in the United States, and 164 branch houses or distributing stations located in various cities throughout the United States. A list and locations of the plants and branch houses appears in the appendix.

Armour & Co. proposes to acquire, by purchase, the assets and business of Morris & Co.

It is submitted that such acquisition does not violate any law, as will be shown by reference to, first, the law, and second, the facts and details pertaining to the properties and business of the respective companies, and third the application of the law to the facts.

#### THE LAW.

The various laws which may have a bearing upon this subject, are as follows: The Sherman Act (act of July 2, 1890, 26 Stat. 290); the Clayton Act (act of October 15, 1914, 38 Stat. 730); the Federal Trade Commission act (act of September 26, 1914, 38 Stat. 723), and the packers and stockyards act, 1921 (42 Stat. 159).

#### THE SHERMAN ACT.

The latest decision of the Supreme Court of the United States interpreting the Sherman Act is in the case of *United States of America v. United States Steel Corporation* (251 U. S. 417, 64 Law Ed. 343), decided March 1, 1920.

The United States Steel Corporation was organized by the consolidation of a number of steel-making concerns in 1901. During the ensuing 10 years previous to the suit filed by the Government it at all times had active competition. It manufactured about one-half of the steel produced in the United States.

The case was heard in the district court by four judges. They agreed that the bill should be dismissed. They disagreed as to the reasons for it. One opinion, written by Judge Buffington and concurred in by Judge McPherson, expressed the view that the steel corporation was not formed with the intention or purpose of monopolizing or restraining trade. The corporation, in his opinion, was an evolution, a natural consummation of the tendencies of the industry toward integration. The other opinion, written by Judge Woolley and concurred in by Judge Hunt, held that the steel corporation did not have justification or industrial conditions nor was it compelled by the necessity for integration. On the contrary, he held that the organizers of the corporation had illegal purpose from the very beginning, and the corporation became a combination of combinations by which, directly or indirectly, approximately 180 independent concerns were brought under one business control. The organizers, however, in the opinion of Judge Woolley, underestimated the opposing conditions, and, at the very beginning, instead of relying upon its own powers, obtained the assistance and cooperation of its competitors.

He expressed the view that the testimony did not show that the corporation, in and of itself, ever possessed or asserted sufficient power, when acting alone, to control prices or the production of the industry. Its power was efficient only when in cooperation with its competitors and it concerted with them in various ways, and finally in a system of dinners inaugurated in 1907, called "the Gary dinners," through which it was attempted to control prices. These dinners were discontinued and its efforts to control prices in conjunction with others ceased before the suit was instituted. It was, hence, concluded that the corporation should be distinguished from the organizers and their intent and unsuccessful attempt should not be attri-



buted to it; that it "in and of itself is not now and has never been a monopoly or combination in restraint of trade," and that a decree of dissolution should not be entered against it. While the judges in the lower court differed as to their reasons, they were both of the opinion that the mere size or extent of control obtained through a unification or combination accomplished was not sufficient to show that the inherent nature of the combination was such as to effect a direct and necessary restraint of trade or the creation of monopolistic conditions. In other words, that the corporation never did reach to monopoly.

The principal point in the steel case passed upon by the Supreme Court related to the assertion by the Government that the size of the corporation being the result of a combination of powerful and able corporations had become substantially dominant in the industry, and that, as the court said, the Government's contention "is based on the asserted size and dominance of the corporation—alleged power for evil, not the exertion of the power in evil; or, as counsel put it, a combination may be illegal because of its purpose; it may be illegal because it acquires a dominating power, not as a result of development, but as a result of a combination of competitors. Such combination and its resulting power constitute, in the view of the Government, an offense against the law." The Supreme Court held that it was only concerned with what the corporation had power to do at the time it rendered its decision, and what judgment should be pronounced, whether dissolution as prayed for by the Government or dismissal of the suit as the corporation insisted upon. In discussing that question the court stated as follows:

The alternatives are perplexing, involve conflicting considerations, which, regarded in isolation, have diverse tendencies. We have seen that the judges of the district court unanimously concurred in the view that the corporation did not achieve monopoly, and such is our deduction, and it is against monopoly that the statute is directed; not against an expectation of it, but against its realization; and it is certain that it was not realized.

The court then points out that the corporation did not have the power of monopoly because its competitors had to be persuaded by pools, associations, trade meeting, and through the social form of dinners, in order to accomplish the purposes sought. These acts were scattered through the years from 1901 to 1911, but after instances of success and failure were abandoned nine months before the suit was brought.

The Government contended that the steel companies' competitors were oppressed by the superior power of the corporation, and also that these competitors became rich by imitating the corporation's prices, and yet confederated action was not asserted. The court stated:

If it were, this suit would take on another cast. The competitors would cease to be the victims of the corporation, and would become its accomplices. And there is no other alternative. The suggestion that lurks in the Government's contention that the acceptance of the corporation's prices is the submission of impotence to irresistible power, is, in view of the testimony of the competitors, untenable. They as we have seen, deny restraint in any measure or illegal influence of any kind. The Government, therefore, is reduced to the assertion that the size of the corporation, the power it may have, not the exertion of the power, is an abhorrence to the law; or, as the Government says, "the combination embodied in the corporation unduly restrains competition by its *necessary effect* (the italics are the emphasis of the Government), and therefore is unlawful regardless of purpose." "A wrongful



purpose," the Government adds, is "matter of aggravation." The illegality is static, purpose or movement of any kind only its emphasis. To assent to that, to what extremes should we be led? Competition consists of business activities and ability—they make its life; but there may be fatalities in it. Are the activities to be encouraged when militant, and suppressed or regulated when triumphant because of the dominance attained? To such paternalism the Government's contention, which regards power rather than its use the determining consideration, seems to conduct. Certainly conducts, we may say, for it is the inevitable logic of the Government's contention that competition must not only be free, but that it must not be pressed to the ascendancy of a competitor, for in ascendancy there is the menace of monopoly.

We have pointed out that there are several of the Government's contentions which are difficult to represent or measure; and the one we are now considering, that is, the power is "unlawful regardless of purpose," is another of them. It seems to us that it has for its ultimate principle and justification that strength in any producer or seller is a menace to the public interest and illegal because there is potency in it for mischief. The regression is extreme, but short of it the Government can not stop. The fallacy it conveys is manifest.

The corporation was formed in 1901; no act of aggression upon its competitors is charged against it; it confederated with them at times in offense against the law, but abandoned that before this suit was brought, and since 1911, no act in violation of law can be established against it except its existence be such an act. This is urged, as we have seen, and that the interest of the public is involved, and that such interest is paramount to corporation or competitors. Granted—though it is difficult to see how there can be restraint of trade when there is no restraint of competitors in the trade nor complaints by customers—how can it be worked out of the situation and through what proposition of law? Of course it calls for nothing other than a right application of the law, and, to repeat what we have said above, shall we declare the law to be that size is an offense, even though it minds its own business, because what it does is imitated? The corporation is undoubtedly of impressive size, and it takes an effort of resolution not to be affected by it or to exaggerate its influence. But we must adhere to the law, and the law does not make mere size an offense or the existence of unexerted power an offense. It, we repeat, requires overt acts, and trusts to its prohibition of them and its power to repress or punish them. It does not compel competition, nor require all that is possible.

The court discussed the Standard Oil and Tobacco cases, and pointed out how the facts in those cases differed from the facts in the Steel case, by showing that both of these combinations were organized for the express purpose of gaining a control over the trade in which they were engaged, and resorted to acts after their organization which demonstrated that this was the purpose of their organization and actually did as a matter of fact gain a dominant position in the industry by virtue of their illegal acts, while that situation did not obtain in the Steel case.

The Supreme Court, as pointed out above, agreed with Judge Woolley that the purpose of the organization of the Steel Corporation was to gain dominance in the steel industry and to control prices as a result thereof, and also with Judge Woolley, and with Judge Buffington, that after its organization it was unable to accomplish the purpose of its formation, so that the only question left in the case for the Supreme Court to pass upon was whether the size of the corporation alone, although it was the result of a combination for illegal purposes, was sufficient to constitute a violation of the Sherman Act, and the Supreme Court definitely held that size alone was not sufficient to show a violation of the act in the absence of proof that the company occupied such a dominating position in the industry that it was able to control production and prices, or in other words, monopolize and restrain trade.

The principle announced by the Supreme Court in the Steel case, that size is not controlling, is further illustrated by the decision in

the case of *United States v. Quaker Oats Company* (232 Fed. 499). In this case the Government alleged that the purchase of the Quaker Oats Co., which had, roughly speaking, 55 per cent of the rolled oats business of the United States of certain property of the Western Cereal Co., which had about 15 per cent or 20 per cent of the rolled oats business, was contrary to law. A decision adverse to the Government was rendered in April, 1916, and an appeal to the Supreme Court was dismissed upon motion of the Government May 1, 1920, which was subsequent to the decision of the Supreme Court in the Steel case. Judge Mack, in rendering the opinion in the lower court, said as follows:

Every purchase between two people in the same business, one buying out the other, is necessarily a lessening of competition; but as long as the property is such that the fullest opportunity of country-wide competition exists, the field being open to everybody with but small capital, there being no patent rights, there being no other hindrance to the freest development of individual enterprise, I fail to see anything undue, anything unreasonable in the restriction of competition that results, although it be the largest of several competing firms that buys out the second largest.

In various decisions involving the construction and application of the Sherman Act the question of intent to create monopoly was considered. We believe that the question of intent has no bearing upon the situation here under discussion, because we will be able to demonstrate from a consideration of the facts and details of the business and properties of the two companies that the acquisition can not possibly result in a monopoly of the business or in unreasonable restraint of trade. As was pointed out in the case of *United States v. Reading* (226 U. S. 324, 373), the question of intent may have some bearing upon the situation in doubtful cases. The court said that if the necessary result is materially to restrain trade between the States, the intent with which the thing was done is of no consequence, and the converse of that proposition is also, of course, true—that if the necessary result is not materially to restrain trade between the States or create a monopoly, the intent with which the combination is effected is of no consequence. This principle was emphasized in the Steel case where the Supreme Court recognized that it was the intent of the organizers of the Steel Corporation originally to create a monopoly, but as they failed to accomplish their purpose, the intent had no bearing upon the situation.

However, we intend to show later on in this discussion the intent and purpose of this acquisition, which is being undertaken for the purpose of effecting economies in the business. It appears that in the various decisions where consideration has been given to the question of intent, there were overt acts evidencing an intent to restrain trade and monopolize business, such as underselling competitors, attempts to destroy competitors' business and forcing competitors out of business or into the consolidation, and did not involve voluntary acquisition, such as the one here under consideration, where monopoly was not achieved. We will discuss this question further in our argument by referring to specific cases.

It may be said in closing that in the Standard Oil case, the Tobacco case, and the International Harvester Co. case, it appeared that the defendants occupied such a dominant position in their respective business fields that they were able to monopolize and restrain interstate commerce. In this respect they are, of course, distinguishable



from the Steel case, and have no bearing upon the legality of the acquisition by Armour & Co. of the assets and business of Morris & Co., because it will be demonstrated that, as a result of this acquisition, Armour & Co. will not occupy a dominant place in the packing industry.

#### THE CLAYTON ACT.

The first paragraph of section 7 of the Clayton Act, which is the only portion of the act which has a bearing upon the question under discussion, is as follows:

SEC. 7. That no corporation engaged in commerce shall acquire, directly or indirectly, the whole or any part of the stock or other share capital of another corporation engaged also in commerce, where the effect of such acquisition may be to substantially lessen competition between the corporation whose stock is so acquired and the corporation making the acquisition, or to restrain such commerce in any section or community, or tend to create a monopoly of any line of commerce.

It is submitted that inasmuch as it is proposed to purchase Morris & Co.'s physical assets and not its stock or other share capital, there will be no violation of section 7 of the Clayton Act.

This proposition seems to be generally admitted, and perhaps no better statement of the reasons therefor can be given than appear in the memorandum of Commissioner Van Fleet of the Federal Trade Commission, in connection with the proposed merger of the Midvale Steel & Ordnance Co., the Republic Iron & Steel Co., and the Inland Steel Co., where he discussed the issuance of a complaint against that proposed merger. In that memorandum Commissioner Van Fleet stated as follows:

The Clayton Act provides that "No corporation engaged in commerce shall acquire, directly or indirectly, the whole or any part of the stock or other share capital of another corporation engaged also in commerce, where the effect of such acquisition may be to substantially lessen competition between the corporation whose stock is so acquired and the corporation making the acquisition, or to restrain such commerce in any section or community, or tend to create a monopoly of any line of commerce."

It will be seen that this act is much more far reaching than the Sherman Act in cases coming within its provisions for the reason that it prohibits substantial lessening of competition between the corporations themselves, and if its language were broad enough to include every combination however effected, it would prohibit all combinations of competing businesses.

In such case and under such construction the Sherman Act would become obsolete. There would be no need ever to resort to it because always the combination, though it did not contravene its provisions, would come within the provisions of the Clayton Act. So the Clayton Act specifically limits its operation to a case where the combination is effected by the acquisition of shares or share capital, thus under the well-known maxim of statutory construction "expressio unius," etc., excluding its application to any other state of facts. Thus it seems plain that the proposed merger does not come within the inhibition of either the Sherman Act or the Clayton Act. The Attorney General in an opinion recently rendered to the Senate of the United States, in response to a resolution, has held that the proposed combination is not in violation of either of these acts. While such opinion is not of binding effect on this commission, I think it is sound and entitled to great weight.

\* \* \* \* \*

There was a well-defined purpose in the Clayton Act, namely, to prevent secret combinations by the acquisition of stock and a reference to the debate over the bill clearly demonstrated this and clearly shows it did not have in mind the prohibition of the merging of competing companies under all circumstances.

Commissioner Gaskill, in his memorandum relating to the same matter, was inclined to the same opinion, using the following language:

In the pending case it seems to be clear that each of the three companies is a competitor of the other two. It is apparent that by the consummation of the proceedings now under way all competition between them will cease. The contention is that

the Clayton Act has no application because the plan does not contemplate the acquisition of any "stock or other share capital," but will be carried out by a purchase of assets. In other words, the public policy declared in the Clayton law may be ignored and competition between competing corporations be entirely eliminated because it is not done by the specific method prohibited in that statute.

If it were not for the continuing application of section 5 of the Federal Trade Commission act to any method which contravenes public policy whenever and however properly declared, because of a dangerous tendency unduly to hinder competition, the argument might be sound.

The Federal Trade Commission in its Conference Rulings has announced the same opinion, as appears from Conference Ruling No. 8, issued in its Bulletin No. 1, of January 31, 1916, which is as follows:

8. *The right of one manufacturer engaged in interstate commerce to buy out a competitor, and jurisdiction of the commission in such matters.*—On inquiry as to the right of one manufacturer to buy out a competitor in the same line of business: *Held*, That the only jurisdiction of the commission in respect of such transactions is to enforce the provisions of section 7 of the Clayton Act prohibiting the acquisition by any corporation engaged, in interstate commerce of the capital stock, in whole or in part, of another corporation thus engaged, where the tendency of such acquisition may be to substantially lessen competition between such two corporations, or to restrain interstate commerce, or to create a monopoly; and also possibly to enforce section 5 of the Federal Trade Commission act, if such purchase either of property or of capital stock in connection with other circumstances might constitute an unfair method of competition. *Held, also*, That the mere purchase of the property of such competitor other than capital stock is not prohibited by the Clayton Act or the Federal Trade Commission act.

As to the validity of such purchase of property or capital stock under the Sherman Act, the commission expresses no opinion.

In view of the express language of section 7 of the Clayton Act, which prohibits only the acquisition of the whole or any part of the stock or other share capital of another corporation under certain circumstances, and further in view of the opinion above set out and the absence of any decision of the Supreme Court of the United States to the contrary, we believe it is clear that the purchase of the physical assets of Morris & Co. by Armour & Co. is not a violation of section 7 of the Clayton Act.

#### THE FEDERAL TRADE COMMISSION ACT.

The first two paragraphs of section 5 of the Federal Trade Commission act are as follows:

That unfair methods of competition in commerce are hereby declared unlawful.

The commission is hereby empowered and directed to prevent persons, partnerships, or corporations, except banks and common carriers, subject to the acts to regulate commerce, from using unfair methods of competition in commerce.

We would not give any consideration to section 5 of the Federal Trade Commission act were it not for the fact that the Federal Trade Commission has recently issued complaints against two proposed steel mergers on the theory that the acquisition of the physical assets of a competing company violated public policy as declared by section 7 of the Clayton Act, even though the stock or share capital of the competing company was not acquired, and therefore constituted an unfair method of competition as prohibited by section 5 of the Federal Trade Commission act.

Commissioner Gaskill, in his memorandum above referred to, outlined the arguments in support of this contention, but expressly stated that he did not commit himself to adherence to this view on his final decision.



It seems to us that the contention is clearly unsound, the reasons therefor being stated clearly in Commissioner Van Fleet's memorandum above referred to, as follows:

But it is argued that the proposed merger comes within the Federal Trade Commission act as a method of unfair competition because said act prohibits all methods which are against public policy, and it is argued that the proposed merger is against public policy as declared in the Clayton Act. I concede that all methods of competition which are against public policy are to be deemed unfair and within the act.

It is contended because the Clayton Act prohibits mergers which substantially lessen competition between the merging companies, under certain conditions, that this is a declaration of public policy to prevent such mergers under all conditions. In other words, we are to reach down into the Clayton Act and take a part therefrom and, supplementing it with the Federal Trade Commission act, make that unlawful which is not declared to be unlawful by the act itself. It is contended that such a merger is against public policy. Who says so? Congress did not say so. It said that such merger should be unlawful only when accomplished by the acquisition of shares or share capital. If its intent had been to make it against public policy to combine in any other manner, it would have said so. It might have used the words "capital assets," or "by any means," or "in any other manner," but it did not.

It seems to remain for the Federal Trade Commission to do this, thus making the inhibition of the act apply to a state of facts not enacted by Congress. Thus adding to the law provisions Congress did not make. Thus making that unlawful Congress did not make unlawful. Thus in plain terms judicially legislating. There was a well-defined purpose in the Clayton Act, namely, to prevent secret combinations by the acquisition of stock, and a reference to the debate over the bill clearly demonstrates this and clearly shows it did not have in mind the prohibition of the merging of competing companies under all circumstances. I do not think any support for this theory can be obtained from the Beechnut case. The argument is that in that case, although there was no violation of the Sherman Act in terms because no contract in restraint of trade, yet the court held the acts unlawful which were in violation of the terms of that act as against public policy. But the acts inhibited by the Sherman Act are and for hundreds of years have been unlawful at common law. Acts in unreasonable restraint of trade and tending to create monopoly have always been against the common law and consequently against public policy, so that this public policy exists, although the terms of the Sherman Act are not violated.

But the case of the Clayton Act is different. It has never been per se unlawful nor against the common law for two or more competing businesses to combine, thus substantially lessening competition between them. In and of itself without more such a combination has always been legal. It is only when it goes further and results in unreasonable restraint of trade or tends to create a monopoly that it becomes unlawful unless it also comes within all the terms of the Clayton Act. The mere fact of the elimination of competition between merging corporations never having heretofore been illegal, it can not be made illegal by the mere fiat of the Federal Trade Commission. As said by the Supreme Court in the Gratz case: "The words 'unfair methods of competition' \* \* \* are clearly inapplicable to practices never heretofore regarded as opposed to good morals because characterized by deception, bad faith, fraud, or oppression, or as against public policy because of their dangerous tendency unduly to hinder competition or create monopoly."

The reasons advanced by Commissioner Van Fleet against such a construction of section 5 of the Federal Trade Commission act are so convincing that no further argument is necessary.

In this connection, however, it is well to note that any jurisdiction which was heretofore vested in the Federal Trade Commission in reference to questions of this kind, has been transferred to the Secretary of Agriculture by the packers and stockyards act, paragraph B, section 406 of which is as follows:

(b) On and after the enactment of this act, and so long as it remains in effect, the Federal Trade Commission shall have no power or jurisdiction so far as relating to any matter which by this act is made subject to the jurisdiction of the Secretary, except in cases in which, before the enactment of this act, complaint has been served under section 5 of the act entitled "An act to create a Federal Trade Commission, to define its powers and duties, and for other purposes," approved September 26, 1914, or under section 11 of the act entitled "An act to supplement existing laws against



unlawful restraints and monopolies, and for other purposes," approved October 15, 1914, and except when the Secretary of Agriculture, in the exercise of his duties thereunder, shall request of the said Federal Trade Commission that it make investigations and report in any case.

It may be noted that under this provision the only jurisdiction retained by the Federal Trade Commission to enforce section 5 of the Federal Trade Commission act, as well as section 11 of the Clayton Act (which gives the Federal Trade Commission power to enforce section 7 of the Clayton Act), is to proceed with complaints under these sections which were filed prior to the passage of the packers and stockyards act.

#### THE PACKERS AND STOCKYARDS ACT, 1921.

We quote below, in full, section 202 of this act:

SEC. 202. It shall be unlawful for any packer to:

- (a) Engage in or use any unfair, unjustly discriminatory, or deceptive practice or device in commerce; or,
- (b) Make or give, in commerce, any undue or unreasonable preference or advantage to any particular person or locality in any respect whatsoever, or subject, in commerce, any particular person or locality to any undue or unreasonable prejudice or disadvantage in any respect whatsoever; or
- (c) Sell or otherwise transfer to or for any other packer, or buy or otherwise receive from or for any other packer any article for the purpose or with the effect of apportioning the supply in commerce between any such packers, if such apportionment has the tendency or effect of restraining commerce or of creating a monopoly in commerce; or
- (d) Sell or otherwise transfer to or for any other person, or buy or otherwise receive from or for any other person any article for the purpose or with the effect of manipulating or controlling prices in commerce, or of creating a monopoly in the acquisition of, buying, selling, or dealing in any article in commerce or of restraining commerce; or
- (e) Engage in any course of business or do any act for the purpose or with the effect of manipulating or controlling prices in commerce or of creating a monopoly in the acquisition of, buying, selling, or dealing in any article in commerce or of restraining commerce; or
- (f) Conspire, combine, agree, or arrange with any other person (1) to apportion territory for carrying on business in commerce or (2) to apportion purchases or sales of any article in commerce or (3) to manipulate or control prices in commerce; or
- (g) Conspire, combine, agree, or arrange with any other person to do or aid or abet the doing of any act made unlawful by subdivisions (a), (b), (c), (d), or (e).

We do not consider paragraph (a) applicable for the same reasons given in reference to the inapplicability of section 5 of the Federal Trade Commission act.

It is apparent from a mere reading of paragraphs (b), (c), and (d) that they have no application to the subject under discussion.

The acts declared unlawful under paragraphs (e), (f), and (g) of section 202 of the packers and stockyards act would likewise be unlawful under the Sherman Act, and as we are confident we will be able to show that the proposed acquisition does not violate the Sherman law then it necessarily follows that it does not violate these paragraphs of section 202 of the packers and stockyards act.

It is submitted in this connection that any jurisdiction heretofore existing in the Federal Trade Commission in reference to a transaction of this kind in which a "packer" is involved, whether under section 5 of the Federal Trade Commission act or section 7 of the Clayton Act, is now vested in the Secretary of Agriculture under the packers and stockyards act, 1921, because the same acts that are made unlawful and prohibited under section 5 of the Federal Trade Commission act and section 7 of the Clayton Act are also made unlawful

and prohibited under section 202 of the packers and stockyards act and by section 406 of the packers and stockyards act. The Federal Trade Commission has no power or jurisdiction over any matter which by the packers and stockyards act is made subject to the jurisdiction of the Secretary of Agriculture, except as to complaints which had already been served by the Federal Trade Commission when the packers and stockyards act was passed.

#### THE FACTS.

The meat-packing industry originated many years ago in a small way and has developed in size and efficiency like many other industries in keeping with the growth and development of the country. Originally packing plants did almost entirely a local business because of the impossibility to transport their perishable products safely, but with the development of refrigeration and other means of preserving the products, the business gradually grew from a local to a country-wide business, the products now being distributed from the packing plants to all parts of the country.

The packing plants of the various packers are located principally in the Middle West and Western States, where the bulk of the live stock is produced, it being considered the economical method of handling the business to reduce the transportation of the live stock to a minimum, in view of the fact that it is now possible to transport the perishable finished products safely by modern methods of preservation and transportation to all parts of the country.

There are, of course, still very many small packing concerns scattered throughout the country which do a more or less local business within the communities or States where they are located, and the larger packers must meet the competition of these smaller packers in the distribution of their products in all localities where they do business.

The raw material which supplies the packing plants, consisting of live stock, is raised by numerous farmers, ranchers, and feeders scattered throughout the live stock raising country. The larger packers, including the companies here under discussion, do not raise live stock and have no financial interest in its production. When the live stock is ready for market it is shipped to the various packing-house centers to commission men, and by them sold to the packers, who pay cash for the same on the day of delivery, thus affording always a ready market for the live-stock producer. In addition to the packers who purchase live stock upon the various markets, there are also traders, speculators, feeders, butchers, and shippers who buy live stock upon the same markets and in competition with the packers.

After the live stock is purchased by the packers it is converted by them at their plants at the market centers into fresh meat and packing-house products, and the various by-products, and then shipped for distribution to their various branch houses located in the principal cities of the country, and by such branch houses sold to the retail trade, which, in turn, sells and distributes the products to the consumer. The larger packers, including the two under consideration here, do not deal directly with the consumer, but only with the retail dealers. Thus it appears that the packer occupies



the position of a middleman in the process of converting the live stock into edible products and distributing the same to the ultimate consumer. He has no control over the production of the live stock nor over the consumption of the finished product. He takes what the producer sees fit to deliver to him and sells what the consumer sees fit to purchase.

The greater part of the meat and meat products produced in the United States is sold for local consumption, a comparatively small portion only being exported to foreign countries.

In addition to the packing houses which the companies under consideration have in the United States, they also have packing houses in South America, all the products of which, however, are produced and distributed in countries other than the United States, and, therefore, have no bearing on the matter under discussion.

#### PURCHASES AND PRODUCTIONS.

We will first give the figures showing the total production of live stock in the United States, including animals slaughtered on the farm, and separately the total slaughtered in United States inspected houses, together with the number slaughtered by the companies here under consideration and some of the other larger packers, to show the relative position of Armour & Co. and Morris & Co. in the meat-packing business.

The latest statistics upon the slaughter of animals in the United States appears in the United States Department of Agriculture Department Circular 241—"Food and Animals and Meat Consumption in the United States." (John Roberts, editorial office, Bureau of Animal Industry, September, 1922.)

It appears from this report that for the 10 years from 1912 to 1921, both inclusive, the total number of animals slaughtered in the United States, including those slaughtered on the farm, by classes, is as follows:

Cattle.....	125, 538, 304
Calves.....	68, 424, 150
Sheep, lambs, and goats.....	163, 472, 594
Swine.....	619, 573, 520
All classes live stock.....	977, 008, 568

The number, by classes, slaughtered in United States inspected plants is as follows:

Cattle.....	84, 936, 885
Calves.....	28, 497, 398
Sheep, lambs, and goats.....	125, 232, 656
Swine.....	375, 189, 912
All classes live stock.....	613, 856, 851

It thus appears that of all classes of live stock for the 10 years in question, 62.63 per cent thereof was slaughtered in United States inspected plants. During this same period of 10 years the slaughter by Armour & Co. by classes (appendix, p. 64), was as follows:

Cattle.....	15, 538, 343
Calves.....	4, 828, 900
Sheep, lambs, and goats.....	24, 643, 504
Swine.....	57, 173, 342
All classes live stock.....	103, 184, 089



The percentage of the Armour & Co. slaughter to the total slaughter in the United States, including the animals slaughtered on the farm (appendix p. 64), was as follows:

Cattle.....	13.17
Calves.....	7.06
Sheep, lambs, and goats.....	15.08
Swine.....	9.23
All classes live stock.....	10.56

The percentage of Armour & Co. slaughter to the total slaughter of United States inspected houses for the 10-year period, by classes (appendix p. 64), was as follows:

Cattle.....	19.47
Calves.....	16.95
Sheep, lambs, and goats.....	19.68
Swine.....	15.24
All classes live stock.....	16.81

For this same period of 10 years the total slaughter of Morris & Co., by classes (appendix p. 5), was as follows:

Cattle.....	10,618,954
Calves.....	2,138,617
Sheep, lambs, and goats.....	11,482,558
Swine.....	23,381,336
All classes live stock.....	47,621,465

The percentage of Morris & Co. slaughter to the total slaughter in the United States, including animals slaughtered on the farm (appendix, p. 65), was as follows:

Cattle.....	8.46
Calves.....	3.12
Sheep, lambs, and goats.....	7.02
Swine.....	3.77
All classes live stock.....	4.87

The percentage of Morris & Co. slaughter to the total slaughter in the United States in United States inspected plants (appendix, p. 65), was as follows:

Cattle.....	18.50
Calves.....	7.50
Sheep, lambs, and goats.....	9.17
Swine.....	6.23
All classes live stock.....	7.76

The percentage of Armour & Co. and Morris & Co. slaughter together, of the total slaughter in the United States, including animals slaughtered on the farm, for the same 10-year period, was as follows:

Cattle.....	21.63
Calves.....	10.18
Sheep, lambs, and goats.....	22.10
Swine.....	13.00
All classes live stock.....	15.43

The percentage of the Armour & Co. and Morris & Co. slaughter for the same 10-year period, of the total slaughter in the United States in United States inspected plants, was as follows:

Cattle.....	31.97
Calves.....	24.43
Sheep, lambs, and goats.....	28.85
Swine.....	21.47
All classes live stock.....	24.57

For this same 10-year period the total slaughter of Swift & Co., by classes, was as follows:

Cattle.....	20, 695, 142
Calves.....	7, 662, 496
Sheep, lambs, and goats.....	34, 147, 971
Swine.....	74, 733, 713
All classes live stock.....	137, 439, 322

The percentage of Swift & Co. slaughter to the total slaughter in the United States, including animals slaughtered on the farm (appendix, p. 65), was as follows:

Cattle.....	16. 64
Calves.....	11. 20
Sheep, lambs, and goats.....	20. 89
Swine.....	12. 06
All classes live stock.....	14. 07

The percentage of Swift & Co. slaughter to the total slaughter in the United States in United States inspected plants (appendix, p. 65), was as follows:

Cattle.....	24. 60
Calves.....	26. 89
Sheep, lambs, and goats.....	27. 26
Swine.....	19. 92
All classes live stock.....	22. 39

For the same period the total slaughter of Wilson & Co., by classes (appendix, p. 7), was as follows:

Cattle.....	6, 869, 689
Calves.....	1, 367, 287
Sheep, lambs, and goats.....	8, 478, 128
Swine.....	20, 609, 788
All classes live stock.....	37, 323, 892

The percentage of Wilson & Co. slaughter to the total slaughter in the United States, including animals slaughtered on the farm, for the same period (appendix, p. 66), was as follows:

Cattle.....	5. 47
Calves.....	2. 00
Sheep, lambs, and goats.....	5. 19
Swine.....	3. 23
All classes live stock.....	3. 82

The percentage of Wilson & Co. slaughter to the total slaughter in the United States, in United States inspected plants, for the same period (appendix, p. 66), was as follows:

Cattle.....	8. 09
Calves.....	4. 80
Sheep, lambs, and goats.....	6. 77
Swine.....	5. 49
All classes live stock.....	6. 08

For the same period of 10 years the total slaughter of Cudahy & Co., by classes (appendix, p. 66), was as follows:

Cattle.....	6, 019, 923
Calves.....	1, 100, 259
Sheep, lambs, and goats.....	9, 293, 292
Swine.....	18, 203, 427
All classes live stock.....	34, 616, 816



The percentage of Cudahy & Co. slaughter to the total slaughter in the United States, including animals slaughtered on the farm, for the same period (appendix, p. 66), was as follows:

Cattle.....	4.80
Calves.....	1.61
Sheep, lambs, and goats.....	5.68
Swine.....	2.94
All classes live stock.....	3.54

The percentage of Cudahy & Co. slaughter to the total slaughter in the United States in United States inspected plants for the same period (appendix, p. 66), was as follows:

Cattle.....	7.09
Calves.....	3.86
Sheep, lambs, and goats.....	7.42
Swine.....	4.85
All classes live stock.....	5.64

There will be found in the appendix (p. 67) a statement showing the estimated annual production, exports, imports, and consumption of all meats in the United States during the calendar years 1912 to 1921, both inclusive. The figures are taken from the United States Department of Agriculture department circular 241—"Food animals and meat consumption in the United States" (John Roberts, editorial office, Bureau of Animal Industry, September, 1922). It will be noted from these figures that a relatively small portion of the total production is exported to foreign countries and relatively a very small quantity of the meats is imported.

For the year 1921 the total production in the United States of these products was 16,159,000,000 pounds, of which Armour & Co. (appendix, p. 67) produced 1,695,000,000 pounds, or 10.49 per cent, and Morris & Co. produced 845,000,000 pounds, or 5.23 per cent. The total amount produced in the United States inspected houses was 10,325,000,000 pounds, of which Armour & Co. produced 16.42 per cent and Morris & Co. 8.30 per cent.

It is apparent from these figures, therefore, that of the total production in the United States, 63.90 per cent was produced in United States inspected plants and 36.10 per cent in noninspected plants and on the farm.

The report above referred to shows that the exports of these products during the year 1921 amounted to 820,000,000 pounds, which is 5.07 per cent of the total production in the United States, showing that, comparatively speaking, the export business in these products is relatively inconsequential. It should be stated, however, that during the war period the exportation of these products was considerably greater than during the year 1921 or years prior to the war. This will appear from the statement above referred to in the appendix (p. 67). The total exports of Armour & Co. of these products for the year 1921 amounted to 108,000,000 pounds, or 13.17 per cent of the total exportation of these products by all persons. Morris & Co.'s exports for the same year were 50,000,000 pounds, or 6.10 per cent of the total. The percentage of Armour & Co.'s exports of these commodities to its total production of these commodities for the year 1921 was 6.37 per cent, and Morris & Co.'s was 5.92 per cent.

From the report above referred to it appears that the total domestic consumption of these products in the United States for the



year 1921 was 15,624,000,000 pounds. Of this amount Armour & Co. produced 1,587,000,000 pounds, or 10.15 per cent, and Morris & Co. 795,000,000 pounds, or 5.08 per cent.

The total sales of Armour & Co. for the year 1919 amounted to \$1,038,000,000; for 1920, \$900,000,000; and for 1921, \$600,000,000. The total sales of Morris & Co. for the year 1919 were \$400,000,000; for 1920, \$370,000,000; and for 1921, \$260,000,000.

#### PACKING HOUSES.

For the purpose of showing the large number of concerns engaged in the packing business in the United States and how widely they are scattered over the entire country, we have shown in the appendix (pp. 154 to 176) a list of such concerns taken from the Packers Encyclopedia Blue Book of the American Meat Packing and Allied Industries, published by the National Provisioner of Chicago, during the year 1922. The list contains a total of 947 establishments, and shows their location, their capital, and their killing capacity where obtainable. It appears that packing companies are located in every State in the Union, and in some of the States there are a large number of companies operating.

We have also attached to the appendix copies of the United States Department of Agriculture Directory of the Bureau of Animal Industry, corrected to July 1, 1922, which shows, among other things, the total number of the United States meat-inspection establishments, by numbers, and the total number of meat-inspection establishments, by stations. This will show that there are a large number of companies operating a great many Federal-inspected plants scattered throughout the United States.

In the census circular covering the Fourteenth Census of the United States Manufacturers, 1919, appears data from which we have prepared a statement, shown in the appendix (p. 67), showing the number of meat-packing establishments in the United States for the years 1909, 1914, and 1919, and also the size of the establishments, by value of products, together with the character of ownership of the establishments. It appears from this statement that in 1909 there were 1,221 establishments; in 1914, 1,279; and in 1919, 1,304. The relative size of the establishments is shown by value of products, and the greatest increase appears in establishments having products worth \$1,000,000 and over. In 1909 there were 166 of these establishments; in 1914, 206; and in 1919, 310. The statement also shows that the ownership of these establishments is distributed among individuals, corporations, and others, showing that in 1919, for instance, 481 plants were owned by individuals, 582 by corporations, and 241 by "all others."

There will be found in the appendix (pp. 68 and 69) statements showing that the slaughter of hogs, cattle (including calves), and sheep, at 53 points in the United States during the year 1921, taken from the Drovers Journal's Yearbook for that year. We have also indicated by (a) on the statements the points at which Armour & Co. slaughters, and by (b) the points at which Morris & Co. slaughters. Of the 53 points shown, Armour & Co. slaughters at but 14, and this comprises all of the points in the United States at which Armour & Co. slaughters, and Morris & Co. slaughters at 7 of the

points, which also comprises all of the points in the United States at which Morris & Co. slaughters.

At these 53 points during the calendar year 1921 there were slaughtered 26,267,849 hogs, 10,917,063 cattle (including calves), and 12,855,256 sheep, out of a total slaughtered throughout the whole United States, as shown by the Government records and set forth upon the statements referred to above (appendix, p. 63), of 62,172,856 hogs, 20,925,848 cattle (including calves), and 16,707,438 sheep, lambs, and goats. The percentage which the slaughter of the 53 markets shown bears to the total slaughter in the United States is as follows: Hogs 42.25 per cent, cattle (including calves) 52.12 per cent, and sheep, lambs, and goats 76.93 per cent. This shows that live stock is slaughtered in large quantities at a great many points in the United States other than the points at which Armour & Co. and Morris & Co. slaughter.

For the purpose also of showing how widely distributed is the purchase and slaughter of hogs, we have placed in the appendix (pp. 69 and 70) a statement taken from the price current year-books for the years 1921 and 1922, showing the total packing and marketing of hogs for the year from November 1, 1920, to November 1, 1921, at 134 different points, counting as single items such as unenumerated West, other Ohio, etc., showing a total purchase of hogs at these points of 38,920,262, out of a total everywhere in the United States, including the farms, of 62,172,856.

There will be found in the appendix (pp. 71-76) statements showing the total purchase of hogs, cattle, and sheep on the Chicago market, which is the largest live-stock market in the United States, for the years ending October 31, 1920 and 1921. These statements show that for the year 1920 there were purchased on the Chicago market 7,695,324 hogs, of which Armour & Co. purchased 16.14 per cent and Morris & Co. 7.39 per cent. During the year 1921 there were purchased on this market 7,801,436 hogs, of which Armour & Co. purchased 15.35 per cent and Morris & Co. 7.69 per cent. During the year 1920 there were purchased on this market 3,226,426 cattle, of which Armour & Co. purchased 13.10 per cent and Morris & Co. 10.43 per cent. During the year 1921 there were purchased on this market 2,922,411 cattle, of which Armour & Co. purchased 12.55 per cent and Morris & Co. 9.98 per cent. During the year 1920 there were purchased on this market 3,639,697 sheep, of which Armour & Co. purchased 17.70 per cent and Morris & Co. 12.47 per cent. The sheep purchases for the year 1921 were 4,054,859, of which Armour & Co. purchased 16.35 per cent and Morris & Co. 12.53 per cent.

It will be noted that the statement for cattle purchased during the year 1921 does not show as many purchasers as the statement for the year 1920. This is because we did not have available the figures for the year 1921 covering the purchases of all the concerns which were shown on the 1920 statement.

Under the heading "Butchers and shippers" on the statements, of course, the purchases of many concerns buying on the Chicago market are represented but the names of them were not available.

It will be seen from this analysis of the purchases on the Chicago market for these years, that there is a great amount of competition from a large number of sources, and that this competition will not be eliminated by the consolidation of Armour & Co. and Morris & Co.



For the purpose of showing the situation of the different live-stock markets, where both Armour & Co. and Morris & Co. have packing plants and buy live stock, we have placed in the appendix (p. 76) a statement showing this situation on the markets at Chicago, Kansas City, South Omaha, St. Joseph, and St. Louis, which are the markets where both companies have packing plants and buy live stock. The statement shows the total receipts of hogs, cattle, and sheep for the year ending October 29, 1921, at each of these markets, also the total purchases of the respective classes of live stock by Armour & Co. and Morris & Co. and the percentage which each company's purchases of the respective classes at each market bears to the total.

There are, of course, as is well known, a number of packers other than Armour & Co. and Morris & Co. buying live stock upon the markets above referred to. The directory of packing plants which we have attached to the appendix shows that there are 43 local packers buying live stock upon the Chicago market, 12 at Kansas City, 4 at South St. Joseph, 9 at South Omaha, 30 at St. Louis and East St. Louis. In addition to these there are a number of traders, speculators, shippers, etc., all buying live stock upon these markets in competition with the packers. We have not detailed figures showing the amounts of the purchases of these various buyers, but, of course, all that are not purchased by Armour & Co. and Morris & Co. are purchased by other concerns, and it follows that the larger percentage of live stock is purchased by persons other than these two companies.

It should be borne in mind that there is competition between the various live-stock markets and shippers are not compelled to ship to any one market. They have a selection and ship to the market which they think will bring them the best price.

#### DISTRIBUTION.

What has heretofore been said has related principally to the purchase of the live stock and the manufacture of the finished product. We will now discuss briefly the methods of distribution.

There are two principal methods of distributing fresh meat and packing-house products, the principal one being through branch houses or distributing stations located in the larger cities throughout the country, and the other is through car routes which reach the smaller cities which are not of sufficient size to justify the maintenance of branch houses. The branch houses are simply district warehouses, most of them being equipped with refrigerating facilities according to the class of products handled by them. These branch houses are no different in their purpose than the distributing stations scattered throughout the country belonging to many other industries. They serve the purpose of local warehouses for temporary storage. The fresh meat and packing-house products are shipped to these various branch houses from the packing plants, principally in refrigerating cars. The branch houses have their own sales organizations, who solicit orders in the town where the branch house is located and in the surrounding territory. The products are delivered by the branch houses in the towns where situated by local delivery or by the local dealers calling for them themselves. Deliveries are made in the sur-



rounding territory either by auto, express, or freight. As stated above, the route cars are used for delivering the products to towns which are not of sufficient size to justify the maintenance of a branch house and not located sufficiently near a branch house to justify delivery by auto truck, express, or freight.

The route over which a car will travel is first selected over some particular line of railroad serving the towns which it is desired to reach. Salesmen travel over the route selected, calling upon the retail dealers in the various towns, and take orders for these commodities for delivery the following week. The route cars usually leave the packing plants so that they will reach the towns intended the following week, the orders having been made up and loaded into the car. The car travels over the route, stopping at the various towns for which it contains shipments, the products being unloaded at the stations by the railroad trainmen, and are called for by the retail dealers who have purchased them. No representative of the packers travels with the car, and no goods are sold from the car. It contains only goods which have been previously ordered.

There is also some distribution by the larger packers through consignees and brokers, and to a large extent this method is used by the smaller packer.

The above are the methods of distribution used by all engaged in the packing business, the only difference being that the distributive system of the larger packers is more extensive than that of the smaller ones, which is naturally so, of course, because of the difference in the volume of business.

We have placed in the appendix (pp. 72-74) statements showing all of the towns where Armour & Co. has branch houses and all of the towns where Morris & Co. has branch houses. We have also inserted in the appendix what we call "competitive sheets" (pp. 80-126) showing the competition existing at the points where both Armour & Co. and Morris & Co. have branch houses. It will appear from these competitive sheets that at no place throughout the country where both companies have branch distributing agencies will the acquisition result in a control of the distributing facilities. In fact, the statements, to the contrary, will show that there is a great deal of competition at every such point with local packers, the branch houses of other packers, local butchers who slaughter locally, brokers, and salesmen of concerns located in other cities who solicit business in the particular towns. They will also show that such towns are reached in many cases by the car routes of other packers.

There is also keen competition in the car-route business because in many cases the car routes of the different packers parallel one another. Some of the towns are covered by the car route of one packer and reached by the branch house of another through auto trucks, express, or freight as shown clearly from the competitive sheets above referred to, but in all cases the principal towns covered by car routes are covered by a number of packers in one way or another, and it is safe to say that there is no branch of the business in which there is any more competition than there is in the car-route business. There is also, of course, the competition from the local butchers and slaughterers which has to be met.

It should be kept in mind in considering the distribution of these products that the fresh products which are of a very perishable

nature must be sold promptly, even at a sacrifice in many instances, because if they are held for any great length of time they will deteriorate to such an extent that they will be unmarketable. In order, therefore, to accomplish the prompt marketing of these fresh products they must be shipped from the packing house within a few days after they are slaughtered. Live stock is slaughtered a day or two after it is purchased.

There are no figures available showing the amount of products sold by all packers in any particular location, but in the report of the Federal Trade Commission (pt. 1, p. 150), is a statement covering the year 1916, showing the amount of sales made by the five principal packers in a few of the large meat consuming centers of the country, including New York, Chicago, Philadelphia, Boston, Atlanta, and Washington. These figures are limited to the five larger packers and do not show the total sales by all packers in these centers, but they are the only figures available and do show the percentage of Armour & Co. combined with that of Morris & Co. is about the same as Swift & Co.'s, and considerably less than the combined sales of Swift & Co., Wilson & Co., Cudahy & Co., and would, of course, be very much less than the total sales of all packers in these centers. This statement is reproduced in the appendix (p. 74).

In this connection attention is called again to the competitive sheets above referred to, showing the competition at the above points, from which it will be noted that there are a large number of concerns engaged in the business at the points named other than those mentioned by the Federal Trade Commission in their statements.

#### SECONDARY PRODUCTS.

In addition to the primary meat products resulting from the live stock there are various so-called by-products made up in whole or in part from the remaining portions of the animals. Under the class of offal may be included hearts, livers, and other similar items which naturally follow the primary products. We will consider further only those products which are the result of further processing, such as soap, glue, curled hair, sandpaper, fertilizer, hides, and wool, and in addition to these items there are also to be considered butter, eggs, poultry, cheese, ammonia, and cottonseed oil, which are not live-stock products.

We are submitting no figures on hides because our production of hides must of necessity follow our purchase of live stock, the figures for which have already been given in detail.

Figures secured from the Department of Agriculture show that during the year 1921 the total wool clipped was 225,000,000 pounds, and the total wool pulled was 41,000,000 pounds, making a total of 226,000,000 pounds, of raw material produced in this country. The consumption of wool by manufacturers during this same year was 600,000,000 pounds, more than 50 per cent of which was imported.

Armour & Co.'s production during 1921 was 7,500,000 pounds, or 1.25 per cent of the total wool consumption in this country for that year, while Morris & Co.'s production was considerably less because they do not slaughter as many sheep as Armour & Co.

There are a number of large concerns outside of the packers engaged in the soap business, such as Procter & Gamble, Colgate &



Co., Pete Bros., H. K. Fairbanks, James S. Kirk & Co., Fels & Co., and the Globe Soap Co. The Fourteenth Census of the United States Manufacturers, 1919, of the soap industry, shows the production during that year to have been 2,432,591,000 pounds. Armour & Co. produced during the same year 90,345,849 pounds, or 3.71 per cent of the total. Morris & Co. produced even a smaller percentage of the total.

Morris & Co. does not manufacture sandpaper. Therefore, no consideration need be given to that item.

Both companies manufacture ammonia, as it is one of the principal articles used very extensively by them in producing refrigeration, and may properly be classed as a packing-house supply, although a considerable amount is sold to others, but we have not the exact figures showing the total production of ammonia in the United States and the proportions thereof produced by these two companies.

Armour & Co.'s production of cottonseed oil is relatively small. For the year commencing August 1, 1921, the total production of cottonseed oil in this country was 123,815,408 gallons. Of this amount Armour & Co. produced 1,877,998 gallons, or 1.52 per cent of the total, and Morris & Co.'s productions was considerably less.

There are a number of large concerns in the United States other than the packers engaged in the glue business, such as the American Glue Works, Eastern Tanners Glue Co., United States Glue Co., Delaney & Co., etc. It appears from the Fourteenth Census of the United States Manufacturers, 1919, that the total value of glue production in the United States for that year amounted, in round figures, to \$37,000,000, while Armour & Co.'s sales for that year were about \$1,000,000, or 2.70 per cent of the total. Morris & Co.'s sales for the same year were less than Armour & Co.'s.

There are a large number of curled-hair manufacturers in the United States other than the packers, such as Delaney & Co., F. P. Wall, Chicago Curled Hair Co., Peter Wall & Sons, and numerous others. It is estimated that the actual production of curled hair in the United States for the year 1921 was 15,000,000 pounds. Of this amount, Armour & Co. produced from live stock slaughtered by it 1,347,000 pounds, or 8.98 per cent of the total, while Morris & Co.'s production was somewhat less.

It appears from the periodical bulletins issued by the Census Bureau and Department of Agriculture that the total production of poultry in the United States for the year 1921 was 550,000,000 fowl, which reduced to a pound basis, using the figures commonly used of 3 pounds per fowl, amounts to 1,650,000,000 pounds. The production of eggs for the same period was 1,843,000,000 dozen, which reduced to pounds, using 22 ounces to a dozen, which is the usual method, amounts to 2,534,125,000 pounds. The production of butter for the same period was 1,705,438,000 pounds, and of cheese 355,838,000 pounds, or a total of all four products of 6,245,401,000 pounds. Armour & Co.'s sales of all these products for the same period amounted to 245,893,338 pounds, or 3.93 per cent of the total. Morris & Co.'s sales of the same products for the same period were considerably less. These products are handled by a great many other concerns in the United States, a number of which handle a much larger proportion of the business than the two companies here under consideration.



There is shown in the appendix (p. 74) a statement showing the total production of fertilizer in the United States for the years 1914 to 1921, both inclusive, as taken from the American Fertilizer handbook for the year 1922, page 20, from which it appears that the production ranged from about 5,000,000 to 7,600,000 tons. There is also shown in the appendix (p. 34) a statement taken from the Federal Trade Commission's report on the fertilizer industry, dated August 19, 1916, from which appears, in Table 55, page 173, the fertilizer sold in bags and in bulk for the seven largest companies for season 1913. The companies shown are the Virginia-Carolina Chemical Co., the American Agricultural Chemical Co., Armour Fertilizer Works, International Agricultural Corporation, F. S. Royster Guano Co., Swift & Co., and Baugh & Sons Co. The total for the seven companies amounted to 3,934,534 tons, of which Armour Fertilizer Works handled 548,979 tons, or 13.95 per cent. That, of course, does not show the Armour Fertilizer Works' percentage of the total production in the country, as we have shown that the total production runs all the way from 5,000,000 to 7,000,000 tons. Morris & Co. is not shown on the statement, as it is a very small factor in the fertilizer business, handling less than 1 per cent of the total.

We have also placed in the appendix (p. 35) a statement containing an estimate made by the Armour Fertilizer Works of the tonnage handled by a number of the fertilizer companies, based upon a normal year's production of 6,500,000 tons. This, as well as the statement just referred to, shows that the Virginia-Carolina Chemical Co. and the American Agricultural Chemical Co. are by far the largest handlers of fertilizer in the country. The statement also shows that Armour Fertilizer Works during a normal year would handle about 9.23 per cent of the total, while Morris & Co. would handle 0.62 per cent of the total, showing that the latter company is a very small factor in the fertilizer business.

On February 6, 1920, Armour & Co. segregated its leather business into a separate company, a large portion of the stock of which is held by persons in no way interested in or connected with Armour & Co. The stock is listed on the Chicago Stock Exchange and is dealt in daily. We have, therefore, not made any detailed reference to the leather business.

#### PURPOSE.

During the war period the Government stimulated very greatly the production of live stock in this country, and also urged, in fact demanded, that the packers enlarge their plants and increase their facilities in order to handle the increased production which was to be used to supply the armies in Europe. As a result these companies built new plants, enlarged their existing plants, and increased their facilities generally, with the result that when the war ended the demand fell off, and these companies found themselves in the position of having investments in plants and facilities which were unnecessary for their normal business, and which resulted in an immense overhead expense, as a great amount of additional capital was required in the expansion period of the war. These facilities can not now be operated economically because they must of necessity be now operated to much less than their capacity.

The acquisition herein referred to will permit economies to be effected in and through the administration of the business, the manufacture and distribution of its products, and the increased volume of business through its facilities as will place the company in a position to more efficiently and best serve the public and the producer of live stock.

#### GENERAL.

No public franchise or patents are necessary for anyone to engage in the packing business. The field is open to all, and capital alone determines the size and scope of the business.

It is a well-known fact that the receipts of live stock at the various markets fluctuate greatly from day to day, week to week, and year to year. In order to illustrate this we have shown in the appendix (pp. 76-77) a statement showing the receipts of live stock on the Chicago market, by classes, for each week during the year 1921, and also a statement (p. 77) over a period of years.

It is also well known that the prices of the various classes of live stock fluctuate from day to day, week to week, and year to year, and in order to illustrate this we are placing in the appendix statements (pp. 77-80) showing the prices of the various classes of live stock on the Chicago market by weeks and by months for the year 1921, and also over a period of years.

The price of grain has a large bearing upon the price of live stock, because when the price of grain is high the tendency is toward higher prices for live stock, and conversely.

The price of the finished products are determined in the first instance by the supply, but the demand has a very important effect upon them, for the reason that if the prices get too high consumers turn to other products and refuse to buy these meat products. It thus appears that there are elements both in the production of the live stock and in the sale of the finished product that the packers are in no way able to control.

For the purpose of showing the small profit in the packing business on the investment per dollar of sales and per animal slaughtered, we have attached to the appendix (p. 48) a statement showing this data with respect to the five larger packers for the years 1913 to 1920, both inclusive, which was introduced in evidence by Thomas E. Wilson in the hearings before the Committee on Agriculture, Sixty-sixth Congress, second session, on meat packing legislation, and will be found on page 399. The profit per dollar of investment for the year 1913 was 7.1 cents; for the year 1917, 19.8 cents, which was the highest of any of the years, and, it will be recalled, was a war year when the value of the products was continually rising, resulting in an inventory paper profit which was subsequently wiped out by heavy declines in the inventory values, resulting in heavy losses in the year 1921 by all of the packers. This is illustrated further by the fact that in 1920 the profit per dollar of investment was 1.2 cents, which was followed, as stated above, by heavy loss in 1921. The profit per dollar of sales in 1913 was 1.7 cents; it was 3.03 cents in 1917, and 0.24 cents in 1920, with a heavy loss on 1921. The profit per animal slaughtered in 1915 was 0.59 cents; in 1917, 1.95 cents; in 1920, 0.19 cents, with a loss in 1921.



It will be noted that the profits vary from year to year and that they reached their highest point during the war years, due to constantly rising values of the products, and met with heavy decline, resulting in a loss in 1921.

### ARGUMENT.

#### SHERMAN LAW.

It has been definitely decided by the Supreme Court in the case of the Standard Oil Company *v.* United States (221 U. S. 1, 55 L. Ed. 619), that the Sherman Act does not condemn as unlawful every contract or combination in restraint of trade, but only such as, in the "light of reason" unduly or unreasonably restrain interstate or foreign commerce. We may assume, therefore, at the outset, that the fact that the proposed acquisition will eliminate the competition existing between the two companies here under consideration, does not necessarily lead to the conclusion that a violation of the Sherman Act will result.

It has also been definitely decided by the Supreme Court in the case of the United States *v.* United States Steel Corporation (251 U. S. 417, 64 L. Ed. 343), that size alone is not sufficient to show a violation of the Sherman Act in the absence of proof that the acquiring company is able to control production and prices, or in other words, monopolize and restrain interstate or foreign commerce.

Justice Taft has summarized the law upon this subject in a very concise statement appearing upon page 112 of his book entitled "The Antitrust Law and the Supreme Court," as follows:

The effect of the cases is that a mere union of capital in the same branch of industry for the purpose of promoting economy and efficiency, though it uses interstate commerce, and though to the extent of the business of the two firms or companies it suppresses the competition of each against the other, is not within the statute unless what is done necessarily has the effect to control all the business or can be shown by the character of the acts to be intended to effect that purpose or to be a step in the plot to bring it about. Mere bigness is not an evidence of violating the act. It is the purpose and necessary effect of controlling prices and putting the industry under the domination of one management that is within the statute.

\* \* \* \* \*

The object of the antitrust law was to suppress the abuses of business of the kind described. It was not to interfere with a great volume of capital which, concentrated under one organization, reduced the cost of production and made its profits thereby and took no advantage of its size by methods akin to duress to stifle competition with it.

I wish to make this distinction as emphatic as possible, because I conceive that nothing could happen more destructive of the prosperity of this country than the loss of that great economy in production which has been and will be effective in all manufacturing lines by the employment of large capital under one management.

With these rules for the interpretation of the Sherman Act in mind, we will discuss the size of the resulting combination and the nature of the packing business, also the purpose sought to be accomplished, in order to show that the Sherman law will not in any way be violated.

It is not our purpose to restate in this argument all of the facts and figures set forth in detail in our statement of facts, but there are certain outstanding facts relative to the size of the resulting combination which we think are very important and it is to those facts we wish to direct particular attention.

We have shown the total slaughter in the United States, including animals slaughtered on the farm, for the 10 years period from 1912 to 1921, and also the total slaughter in United States inspected houses, together with the percentage of each, slaughtered by Armour & Co. and Morris & Co., and it appears that of the total slaughter in the United States of all classes of live stock, including animals slaughtered on the farm, Armour & Co. and Morris & Co. combined slaughtered 13.43 per cent for the 10-year period covered. It also appears that of the total slaughter of all classes in United States inspected houses for the same 10-year period, Armour & Co. and Morris & Co. combined slaughtered a total of 24.57 per cent.

There are hundreds of packers engaged in the business of slaughtering live stock and handling live-stock products, and included among these are some very large concerns; for example, Swift & Co. slaughters 14.07 per cent, Wilson & Co., 3.82 per cent, and Cudahy & Co., 3.54 per cent of the total slaughter of all classes of live stock in the United States, including those slaughtered on the farm, for the same 10-year period. Of the total slaughter of all classes in United States inspected houses for the same 10-year period Swift & Co. slaughtered 22.39 per cent, Wilson & Co., 6.08 per cent, and Cudahy & Co., 5.64 per cent.

The total consumption of fresh meat and packing-house products in the United States for the year 1921 was 15,624,000,000 pounds. Of this amount Armour & Co. produced 1,587,000,000 pounds, or 10.15 per cent, while Morris & Co. produced 795,000,000 pounds, or 5.08 per cent, the two companies together producing 15.23 per cent of the total.

These figures and percentages can not be disputed and clearly show that the acquisition will not only not result in placing in one company a dominating power over the packing industry, but demonstrate that the company will control a relatively small percentage of the business. These figures in and of themselves show that it will be impossible for a combination of the two companies to monopolize or control interstate commerce in the meat-packing business, because the proportionate part of the business which they control is too small to permit it, and the remaining business, which constitutes over 75 per cent of the total, will be in the hands of many different companies, totaling over 1,000, and varying greatly in size, some very large and some small companies, which are scattered all over the United States and all actively competing with Armour & Co.

In this connection, we wish to call attention to the fact, which will appear from our brief to be filed with this statement, that in no case has a voluntary consolidation of industrial corporations been held unlawful where it controlled less than 50 per cent of the business of the country. For instance, in the case of the *United States v. American Tobacco Company* (221 U. S. 157) the percentage of control ranged from 70 to 95 per cent. In the *Du Pont Powder* case (186 Fed. 127) the control ranged from 64 to 100 per cent. In the *Bathtub* case (226 U. S. 20) there was a control of from 85 to 90 per cent. In the *Cash Register* case (222 Fed. 599) there was an 80 per cent control. In the case of the *United States v. International Harvester Company* (214 Fed. 987) the combined company controlled from 80 to 85 per cent.

On the other hand, in the *Steel Co.* case the control was about 45 per cent, and the Supreme Court held that this was not sufficient to constitute a violation of the Sherman law.



One very important case held that even where the acquiring company secured control of about 70 per cent of the business in the particular industry no violation of the Sherman law resulted. This was the case of the *United States v. Quaker Oats Company* (232 Fed. 499). The Government alleged that the acquisition by the Quaker Oats Co., which had, roughly speaking, 55 per cent of the rolled-oats business of the United States, of certain property of the Western Cereal Co., which had about 15 or 20 per cent of the rolled-oats business, was contrary to the law. A decision adverse to the Government was rendered in April, 1916, and an appeal to the Supreme Court was dismissed upon motion of the Government on May 1, 1920, which was subsequent to the decision of the Supreme Court in the Steel case. There are very marked points of similarity between the business carried on by the Quaker Oats Co. and the business of the companies here under consideration. As was pointed out in the decision, the supply of raw material from which the rolled oats is manufactured is produced by farmers throughout the country in immense quantities, and this same thing is true of the production of the raw material, namely, the live stock, in the packing industry. It was also pointed out that there was country-wide competition and that anyone with small capital could engage in the business: that there were no controlling patents in the industry, and in fact that there was nothing to prevent anyone engaging in the business who wished to do so. This same situation exists in the packing industry.

One very important fact in the Quaker Oats case, which is dissimilar to the situation in the case we are now considering, is that while by the consolidation proposed in the Quaker Oats case the acquiring company secured about 20 per cent of the rolled oats business of the country, the two companies here under consideration have handled less than 25 per cent of the business. Judge Mack, in rendering his opinion in the Quaker Oats case, made certain comments which we think are very pertinent to the matter here under consideration, as follows:

Every purchase between two people in the same business, one buying out the other, is necessarily a lessening of competition; but as long as the property is such that the fullest opportunity for country-wide competition exists, the field being open to everybody with but small capital, there being no patent rights, there being no other hindrance to the freest development of individual enterprise, I fail to see anything undue, anything unreasonable, in the restriction of competition that results, although it be the largest of the several competing firms that buys out the second largest.

We have already described in a general way, the nature of the packing-house business by showing how live stock comes into the various market centers, is purchased by the different packers and others operating upon those markets, is converted into the finished products, which are distributed to the retail dealers, and in turn by them to the consumers. It is not our purpose to describe again that process of converting the live animal into the finished products and distributing them throughout the country, but we do wish to point out here certain important facts in the packing business which show that it is one which does not easily lend itself to control. In the first place, the packer has no control over the production of the live stock, which is the raw material. This is produced by hundreds of thousands of farmers and stock raisers scattered over the entire country. The packer has no control over the demand for the fin-

ished product. This is determined by the requirements of the population of the country. The demand of the consumer varies depending upon many different facts and circumstances, such as industrial conditions, weather conditions, prices, etc. On the other hand, the receipts at the various markets vary from day to day. The live stock producer must ship his live stock to the market when it is ready for slaughter. He can not profitably hold it after it has reached maturity, and on the other hand the packer must obtain his supplies when the live stock is available, and it is the practice of the packers to clean up the market every day so that very little, if any, live stock is ever held over on the market from day to day, thus assuring the live stock producer a ready market for his product, for which he receives cash on the day of delivery. Once the packer has obtained his supplies he must market the same within a short time thereafter, regardless of demand, because the product is highly perishable and can not be kept indefinitely; in fact, fresh beef must be marketed within a few days after it is slaughtered.

From these facts, it appears that the packer is in the nature of a middleman, standing between the producer on the one hand and the consumer on the other, and by reason of the nature of the business he can not control the flow of live stock into the market centers or the distribution, so far as time is concerned, of the finished product. Therefore, the supply of live stock on the one hand and the demand of the consumer on the other control the situation, making it absolutely impossible for the packer to influence it to any appreciable extent, certainly not to the extent necessary to create a monopoly of the business.

Irrespective of the conditions which we have above outlined, the extent of the competition in the packing business conclusively shows that no control of the industry will result from this acquisition. There are over 1,000 different concerns engaged in the packing business in the United States, a list of which we have shown in the appendix. They are located in every State in the Union. They buy their live stock on many markets where the companies here under consideration do not make any purchases. Many of them buy on the same markets where these companies buy their live stock. The Fourteenth Census of the United States Manufacturers shows that in 1919 there were, to be exact, 1,304 packing-house establishments in the United States. The relative size of those establishments is shown by value of products, and the greatest increase appears in establishments having products worth \$1,000,000 or over. In 1909 there were 166 of these establishments; in 1914, 206; and in 1919, 310; showing clearly that this is a business over which there is no control or monopoly exercised and one in which anyone can engage, the extent of his operations depending entirely upon his own energy and the capital which he is able to invest in the business. There is no franchise required by anyone to engage in this business; there are no controlling patents necessary for the operation of the business. The field is open to all. The testimony of many small packers taken before the committees of Congress at the hearings upon the proposed packer legislation shows conclusively that the smaller packers thrive and prosper. There was not a word of testimony from any of the smaller packers indicating any dominance or control over the packing business by any company or any group of companies. All of the testimony



in these hearings by both the small and the large packers was to the effect that this was an open competitive business in which there was no dominant control exercised by anyone.

In this connection our attention has just been called to an advertisement of the Jacob Dold Packing Co., appearing in the Chicago Daily Tribune, Monday, October 23, 1922, advertising an issue by that company of \$5,000,000 worth of 20-year 6 per cent sinking-fund gold bonds, and in describing the company's business it is stated as follows:

The Jacob Dold Packing Co. conducts a business of meat packing in all of its various features and the manufacture of its by-products into many commodities. The company was established over 50 years ago and from a small beginning has steadily increased to its present output of approximately 1,250,000 head of live stock. Total sales of the company have increased from 197,000,000 pounds representing \$21,000,000 in 1912, to 311,000,000 pounds, representing \$50,000,000 in 1921. The business for the current fiscal year, based on actual results for nine months is at the rate of 325,400,000 pounds per annum. The export business of the company to Great Britain, the Continent, and Central America is substantial.

Here is a business which was started over 50 years ago and now handles approximately 1,250,000 head of live stock a year. The business has increased from 197,000,000 pounds, representing \$21,000,000 in 1912, to 311,000,000 pounds, representing \$50,000,000 in 1921.

The Jacob Dold Packing Co. is one of the so-called small packers and yet it does a business of \$50,000,000 a year.

For the purpose of showing that live stock is slaughtered in large quantities at many points where Armour & Co. does not operate, we have placed in the appendix a list of 53 points showing the slaughter of hogs, sheep, and cattle. At only 13 of them does Armour & Co. conduct slaughtering establishments, while Morris & Co. slaughters at a smaller number, and these 53 do not constitute all of the points in the United States where live stock is slaughtered. We have also shown in the appendix a list of 134 different points where hogs are slaughtered in the United States. At those points about 38,000,000 hogs were slaughtered in the year 1921 with a total slaughter in the United States everywhere of 62,000,000, showing that there are many more places where the slaughter of hogs is carried on.

In considering the competition on different markets, it is well to keep in mind that the competition in the purchase of live stock is countrywide and not confined to specific markets, as the various markets compete with each other, the producer not being compelled to ship to any one market, but selects the market at which he thinks he will secure the highest price. Chicago is the largest live-stock market in the United States, and the competition for the purchase of live stock on that market is exceedingly keen. We have inserted a table in the appendix showing a number of concerns purchasing live stock on the Chicago market and their percentage of purchases. In addition to those shown on the statement there are traders, speculators, shippers, and butchers purchasing live stock on this market. Of the total hogs purchased on the Chicago market for the year 1920 Armour & Co. purchased 16.14 per cent and Morris & Co. 7.39 per cent, or a total of 23.53 per cent. In 1921 Armour & Co. purchased 15.35 per cent and Morris & Co. 7.69 per cent, or a total of 23.04 per cent. Of the total cattle sold on the Chicago market for the year

1920, Armour & Co. purchased 13.10 per cent and Morris & Co. 10.43 per cent, or a total of 23.53 per cent, and during the year 1921 Armour & Co. purchased 12.55 per cent and Morris & Co. 9.38 per cent, or a total of 21.93 per cent. Thus it appears that when you consider not only the total business of the country, but also specific market centers, that there will be no such control as will permit of a dominant control of the industry, either in the country as a whole or at the specific market centers. A similar situation is shown from the statement in the appendix to exist at other points where both Armour & Co. and Morris & Co. have plants and purchase live stock.

There appear in the appendix (pp. 50-153) statements, referred to as "competitive sheets," showing the branch houses of Armour & Co. and Morris & Co., together with others operating in the cities where both companies have locations, and it will appear from these statements that at no place throughout the country where both companies have branch distributing agencies will the acquisition result in a control of the distributing facilities.

In fact, the statements, on the contrary, will show that there is a great deal of competition at every such point with local packers, the branch houses of other packers, local butchers who slaughter locally, brokers and salesmen of concerns located in other cities, who solicit business in the particular towns. They will also show that such towns are reached in many cases by the car routes of other packers.

The showing made by these statements is incontrovertible and conclusive upon the fact that this proposed acquisition will not unreasonably restrain trade in the distribution of fresh meat and packing-house products anywhere throughout the country. We suggest that this data be examined particularly and in detail, as we feel confident that it will support our statement in this respect and that anyone examining it will be very much impressed with the very great amount of competition in this business which exists throughout the country.

We have shown in our statement of facts that the control which Armour & Co. will exercise over other products handled by these two companies is so small as to be unimportant in the consideration of this subject. Most of such products, with the exception of butter, eggs, cheese, dressed poultry, and fertilizer, are by-products of the packing industry. So far as butter, eggs, cheese, and dressed poultry are concerned, Armour & Co. handles only 3.93 per cent of the total production of the country and Morris & Co. handles considerably less, and so far as fertilizer is concerned, Morris & Co. handles less than 1 per cent of the production.

Attention is called in the statement of facts to the small profits both per dollar of investment and per animal slaughtered, and also to the very heavy losses suffered by the packing companies during the year 1921, and it is proper to say in this connection that this is a further illustration of the entire lack of control over production or prices in this industry.

This brings us to a consideration of the situation which has led to this proposed acquisition. During the war period, the Government stimulated very greatly the production of live stock in this country, and also urged, in fact demanded, that the packers enlarge their plants and increase their facilities in order to handle the increased production which was to be used to supply the armies in Europe.



As a result, these companies built new plants, enlarged their existing plants, and increased their facilities generally, with the result that when the war ended the demand fell off, the supply of live stock decreased, and these companies found themselves in the position of having investments in plants and facilities which were unnecessary for their normal business, and which resulted in an immense overhead expense, as a great amount of additional capital was required in the expansion period of the war. These facilities can not now be operated economically because they must of necessity be now operated to much less than their capacity. In order to increase the volume of business handled through certain of these plants and facilities and thus reduce the present immense overhead expense, Armour & Co. proposes to acquire the business of Morris & Co.

From this review of the facts relating to the business of the two companies and the packing business generally, the only conclusion that can be reached is that the proposed acquisition will not result in a violation of the Sherman law, because on account of the nature of the business and the lack of control it will not have power to monopolize the business or restrain trade by controlling prices or production in this industry.

There is another very important matter which should be taken into consideration in passing upon this question, and one which has never been present before in any case where the question of the violation of the Sherman antitrust law by combination of industrial companies has been discussed.

The point we have in mind is that the entire packing industry, from the time the live stock arrives at the market centers until the finished products are disposed of to the retail dealers, is under the supervision of the Secretary of Agriculture under the packers and stockyards act, 1921. The Secretary of Agriculture has power to investigate the manner in which the business is conducted, examine books, subpoena witnesses, and require them to testify under oath. He can inquire into the way live stock is bought, handled, killed, and the meat marketed. He can inquire into the charges by commission merchants and stockyards and determine whether these charges are fair and just. He can discipline firms and individuals who do not conform to fair rules and regulations. He can refuse to permit unfair charges. He can stop unfair methods of doing business. Under paragraph E of section 202 of the act it is made unlawful for any packer to engage in any course of business or do any act for the purpose or with the effect of manipulating or controlling prices in commerce or of creating a monopoly in the acquisition of, buying, selling, or dealing in any article in commerce or of restraining commerce. Power is given to the Secretary of Agriculture by section 203 of the act, whenever he has reason to believe that any packer has violated any of the provisions of the act, including the one above cited, to investigate the matter and enter a cease and desist order if he finds that a violation of the act has been committed. It thus appears that after this acquisition is effected, the company will be under the direct supervision of the Federal Government through the Secretary of Agriculture, and it is his duty to see that there is no undue restraint of trade or monopoly effected in the packing industry. This is an absolute assurance that no monopoly or restraint of trade will result from this acquisition.

In the case of the acquisition of other industrial companies they are left free to conduct their business in any way they see fit. This is not so in the case of the packing industry. There should be no uncertainty, therefore, as there might be in the case of the consolidation of other industrial companies, that prompt and effective measures will be taken by the Secretary of Agriculture if it should appear at any time that there is a violation of the antitrust laws in the packing industry.

#### THE CLAYTON ACT.

The only portion of the Clayton Act which has any bearing upon the subject under discussion is section 7, the first paragraph of which prohibits any corporation engaged in commerce from acquiring directly or indirectly the whole or any part of the stock or other share capital of another corporation engaged in commerce where the effect is to substantially lessen competition between the two companies or to restrain commerce in any section or community or tend to create a monopoly. It is submitted that the words "stock or other share capital," as used in section 7, do not include the physical assets of a corporation. This proposition is so clear that no argument on it is necessary. In fact, it seems to have been assumed by everyone who has given any consideration to a construction of this act. The decisions of the courts, furthermore, distinguish clearly between the stock of a company and its physical assets. We refer to a few such cases, as follows: *Stewart v. Pierce* (89 N. W. (Iowa) 234); *Humphreys v. McKissock* (140 U. S. 304; 35 L. Ed. 473); *Central Improvement Co. v. Cambria Steel Co.* (201 Fed. 828); *Van Allen v. Assessors* (3 Wall. 573).

That this is so appears further from a reading of paragraphs 2 and 3 of section 7, where reference is made to the voting of such stock, which would clearly exclude the construction that those words were intended to include the physical assets of a company. This is also apparent from the debates in Congress at the time the act was passed.

The Federal Trade Commission is of the same opinion, as appears from their conference ruling No. 8, in their Bulletin No. 1, issued January 31, 1916, which we have heretofore quoted. This also appears from the efforts made by members of the Federal Trade Commission to have the law amended by making the acquisition of the physical assets also unlawful under the provisions of the act. We refer to the testimony of members of the Federal Trade Commission before the Committee on the Judiciary of the House of Representatives, Sixty-sixth Congress, first session, in their investigation of the high cost of living, September 8 and 9, 1919. On page 21 of serial 5 of the hearings Mr. Victor Murdock, a member of the Federal Trade Commission, testified as follows:

Now, in section 7, Clayton Act, Mr. Chairman, Congress provided against a corporation's acquisition of stock in competing companies. I think at the time Congress passed that act it was a wise piece of legislation. But section 7 of the Clayton Act certainly needs strengthening now, because section 7 does not include the word "property." \* \* \* But the Government can not win where there is an acquisition of property instead of an acquisition of stock as the law stands to-day.

The reason why a prohibition against the acquisition of the physical assets was not included in section 7 of the Clayton law is clear, and as stated by Commissioner Van Fleet in his memorandum in connec-



tion with the proposed Midvale Steel & Ordnance Co. merger, there was a well-defined purpose in the Clayton Act to prevent secret combinations by the acquisition of stock, and a reference to the debate over the bill clearly demonstrates this and shows that it did not have in mind the prohibition of the merging of competing companies under all circumstances. There is no possibility of concealment in the purchase of the physical assets of a corporation, whereas it is possible to conceal the purchase of stock by placing it in the hands of trustees or putting it in a voting trust and not having it transferred on the books of the company, and it was these secret acquisitions of stock in competing companies which section 7 of the Clayton Act was designed to prevent. The Sherman law treats in general terms of restraint of trade and monopoly, while the Clayton Act, which was passed to supplement the Sherman law, deals with specific acts which it declares to be unlawful, and can not be broadened by interpretation to include other acts not specifically mentioned therein. It seems clear, therefore, that section 7 of the Clayton Act does not prohibit the acquisition of the physical assets of a competing company.

#### FEDERAL TRADE COMMISSION ACT.

Under the first two paragraphs of section 5 of the Federal Trade Commission act, unfair methods of competition are declared to be unlawful and the Federal Trade Commission is given power to prevent persons, partnerships, or corporations, excepting banks and common carriers, from using unfair methods of competition in commerce.

While the Federal Trade Commission has no jurisdiction over unfair methods of competition, so far as a packer is concerned, since that jurisdiction has been transferred to the Secretary of Agriculture under section 406 of the packers and stockyards act of 1921, still we propose at this time to discuss whether the acquisition here under consideration is an unfair method of competition. In the first place, it has been determined by the courts that the unfair methods of competition which Congress had in mind in passing the Federal Trade Commission act were those which involved deception, bad faith, fraud, or oppression, or were against public policy because tending unduly to hinder competition or create monopoly. This is well stated in the much cited case of *Federal Trade Commission v. Gratz*, 253 U. S. 421, where the court stated as follows:

The words "unfair methods of competition" are not defined by the statute and their exact meaning is in dispute. It is for the courts, not the commission, ultimately to determine as matter of law what they include. They are clearly inapplicable to practices never heretofore regarded as opposed to good morals because characterized by deception, bad faith, fraud, or oppression, or as against public policy because of their dangerous tendency unduly to hinder competition or create monopoly.

As bearing further upon this same subject, we quote below from the case of *Kinney-Rome Co. v. Federal Trade Commission* (275 Fed. 665), where the court stated as follows:

While the exact words "unfair methods of competition" have not been frequently, if at all, used in the decisions, yet "unfair competition" and "unfair trade" have been repeatedly the subject of consideration and discussion by Federal and State courts, and several times in this circuit. In *Pillsbury v. Pillsbury-Washburn*, etc. Co. (64 Fed. 841, 845, 12 C. C. A. 432, 436), this court said:

"The right of appellees to relief is \* \* \* rested upon principles applied by courts of equity in cases analogous to cases of trade-marks, where the relief is afforded upon the ground of fraud." \* \* \*

We conclude, from the discussion of the term "unfair competition" by the courts, and we are of opinion, that there must be some fraud in trade that injures a competitor, or lessens competition, before it can be said that there has been used an "unfair method of competition."

Other decisions defining and explaining the term "unfair competition" or "unfair trade" are as follows:

*International News Service v. Associated Press* (248 U. S. 215); *Howe Scale Co. v. Wykoff* (198 U. S. 118); *Goodyear, etc., Co. v. Goodyear Rubber Co.* (128 U. S. 568).

As it is being brought about entirely voluntarily without any fraud or duress, the acquisition is not an unfair method of competition within the ordinary acceptation of that term as defined in the cases above cited. The only possible contention that can be made to the effect that it is an unfair method of competition is on the ground that it violates the public policy declared by either the Sherman Antitrust Act or the Clayton Act.

There is no reason or necessity to invoke the provisions of section 5 of the Federal Trade Commission act to enforce the public policy as declared by the Sherman law, because the method of effecting the acquisition would come directly within the provisions of the Sherman law if an undue restraint of trade or monopoly is thereby brought about.

Furthermore, the public policy as declared by the Sherman law condemns only an unreasonable restraint of trade or monopoly, and therefore even if the methods used to effect the acquisition were not such as came within the specific provisions of the Sherman law there would still be no ground to invoke section 5 of the Federal Trade Commission act, because the acquisition will not bring about an unreasonable or undue restraint of trade or monopoly as we have heretofore shown in our discussion of the Sherman law.

The contention may be made that this acquisition will violate public policy as declared by section 7 of the Clayton Act along the lines of Commissioner Gaskill's opinion in connection with the complaint of the Federal Trade Commission in the matter of the merger of the Midvale Steel & Ordnance Co., the Republic Iron & Steel Co., and the Inland Steel Co. It was his view that section 7 of the Clayton Act declared it to be against public policy for one company to acquire control over another company, not only by the purchase of its capital stock but also by purchase of its physical assets where the effect of the acquisition was to substantially lessen competition between the two companies or restrain commerce in any section or community, or tend to create a monopoly—this in spite of the fact that section 7 of the Clayton Act only referred to the acquisition of the stock or other share capital of another corporation.

He therefore concluded that it was proper to invoke section 5 of the Federal Trade Commission act to enforce the public policy as declared by section 7 of the Clayton Act and prevent as an unfair method of competition the acquisition by one company of the physical assets of another company where the effect thereof was to lessen competition between the two companies, restrain commerce, or tend to create a monopoly regardless of whether there was any violation of the Sherman Act.



The error in this contention is the conclusion that the Clayton Act declares it against public policy for one company to acquire the physical assets of another company under the conditions set forth in section 7 of that act.

The Sherman law is general in its terms. The Clayton Act, which was passed to supplement the Sherman law, is specific and describes the exact method of acquiring control over a competing company which it declares to be unlawful, leaving no room to enlarge the act by construction, as must necessarily result when it is argued that the public policy as declared in the Clayton Act prevents the acquisition of the physical assets by one company of another. If the Clayton Act had been general in its terms, there might be room for some such contention, but where Congress in the act undertakes to specify the exact thing which is declared to be unlawful, it is but reasonable to conclude that if it had intended to make the act any broader it would have used language which would have left no doubt of the construction to be placed upon the act. It would have been a very simple matter to have added the word "property" in the act, thus making it unlawful to acquire either the property or stock or other share capital of a competing company, but this was omitted, and in all of the debates over the law in Congress it clearly appears that it was done so intentionally and the reference in those debates is entirely to the acquisition by one company of the capital stock of another company, no reference being made to the acquisition of the physical assets. The purpose was apparent. It was the intention of Congress to prevent secret consolidations which it was easy to accomplish through stock ownership. The stock might be transferred to some individual for the benefit of a company or placed in trust and not transferred on the books of the selling corporation, and many other devices could be used by which to conceal the control of one company over another through stock ownership. It was the situation which Congress was endeavoring to correct by the enactment of section 7 of the Clayton Act, and it was not the intention of Congress to declare unlawful the acquisition of the physical assets of one company by another in connection with which there is not the same opportunity for concealment as exists in the acquisition of the capital stock of the company.

If we once start to engraft provisions upon section 7 of the Clayton Act, where are we going to stop? If it may be said that the Clayton Act declares it to be against public policy for one corporation to acquire the physical assets of another corporation under the conditions there set forth, why is it not as reasonable to conclude that it is also against public policy, as declared by the Clayton Act, for one individual or partnership to acquire the physical assets of another individual or partnership where the conditions with respect to lessening competition between them, restraining commerce, or creating a monopoly are present? Surely, if it is against public policy at all, it is just as harmful for individuals or partnerships to do these things as it is for corporations. It has never been contrary to public policy, either under the common law or, as declared in the Sherman Act, for a corporation to acquire the physical assets of another unless the result was an unreasonable restraint of trade or monopoly, and if the Clayton Act is construed so as to effect such a prohibition, it would result in preventing a corporation from

acquiring the physical assets of another in cases where there was not such an unreasonable restraint of trade or monopoly as would violate the Sherman law, and would thus be legislating upon a subject which Congress has not seen fit to do.

It can only be concluded, therefore, that section 5 of the Federal Trade Commission act has no application to the acquisition here under consideration, and furthermore, as pointed out above, even if this acquisition did amount to an unfair method of competition, the Federal Trade Commission is without jurisdiction to proceed in the premises because jurisdiction over unfair methods of competition, so far as a packer is concerned, was transferred to the Secretary of Agriculture by section 406 of the packers and stock yards act of 1921.

#### THE PACKERS AND STOCKYARDS ACT, 1921.

The packers and stockyards act was passed August 15, 1921. It gives the Secretary of Agriculture broad power over packers, stockyards companies, commission men, traders, etc. We have set forth under our discussion of the law at the opening of this statement section 202 of the packers and stock yards act, which declares unlawful various practices. Paragraph (a) of section 202 makes it unlawful for any packer to engage in or use any unfair, unjustly discriminatory, or deceptive practice or device in commerce. It is under this provision that the Secretary of Agriculture would have power to investigate and prohibit any unfair methods of competition which might be practiced by any packer. While the words "unfair methods of competition" are not used in this paragraph, the general effect is the same. We submit that our argument on section 5 of the Federal Trade Commission act, to the effect that this acquisition does not constitute an unfair method of competition, is equally applicable to the above provision of the packers and stock yards act, and that for the reasons there given this acquisition will not be a violation of paragraph A of section 202 of this act.

The only other provisions of the packers and stockyards act which require discussion here are paragraphs E and F of section 202, which provide against monopoly and restraint of trade. The monopoly and restraint of trade intended to be covered by these provisions of the packers and stockyards act are the same as those covered by the Sherman Act, and what we have said in reference to the Sherman Act is equally applicable here. It necessarily follows, therefore, that if this acquisition does not violate the Sherman Act it will not violate these provisions of the packers and stockyards act.

In conclusion, we wish to reiterate what we said in closing our argument under the Sherman Act, that this industry is in a different situation from any other private industry in the country, because it is under the direct supervision of a governmental agency, the Secretary of Agriculture, who is given power to investigate and prevent in the packing industry unfair methods of competition, unreasonable restraints of trade, or monopolies, and should it appear to him at any time that any such situations exist so far as this company is concerned, or any other packing company, he is empowered to investigate and correct it, so that our statements of what the result of this acquisition will be may be accepted with the confidence and assurance that if in the future a different situation should develop, the Secretary of Agriculture will promptly use the powers vested in him to correct it.



## B R I E F .

(Submitted by Armour & Co.)

### THE SHERMAN ACT.

#### I. EVERY RESTRAINT OF TRADE IS NOT UNLAWFUL.

It has been definitely decided by the Supreme Court that the Sherman Act does not condemn as unlawful every contract or combination in restraint of trade, but only such as, in the light of reason, unduly or unreasonably restrain interstate or foreign commerce.

This appears clearly from the decision of the Supreme Court in the case of *Standard Oil Co. v. United States* (221 U. S. 1, 55 L. Ed. 61), where the court said as follows:

Without going into detail, and but very briefly surveying the whole field, it may be with accuracy said that the dread of enhancement of prices and of other wrongs which it was thought would flow from the undue limitation on competitive conditions caused by contracts or other acts of individuals or corporations led, as a matter of public policy, to the prohibition or treating as illegal all contracts or acts which were unreasonably restrictive of competitive conditions, either from the nature or character of the contract or act, or where the surrounding circumstances were such as to justify the conclusion that they had not been entered into or performed with the legitimate purpose of reasonably forwarding personal interest and developing trade, but, on the contrary, were of such a character as to give rise to the inference or presumption that they had been entered into or done with the intent to do wrong to the general public and to limit the right of individuals, thus restraining the free flow of commerce and tending to bring about the evils, such as enhancement of prices, which were considered to be against public policy. It is equally true to say that the survey of the legislation in this country on this subject from the beginning will show, depending, as it did, upon the economic conceptions which obtained at the time when the legislation was adopted or judicial decision was rendered, that contracts or acts were at one time deemed to be of such a character as to justify the inference of wrongful intent which were at another period thought not to be of that character. But this again, as we have seen, simply followed the line of development of the law of England.

\* \* \* \* \*

That in view of the many new forms of contracts and combinations which were being evolved from existing economic conditions, it was deemed essential by an all-embracing enumeration to make sure that no form of contract or combination by which an undue restraint of interstate or foreign commerce was brought about could save such restraint from condemnation. The statute under this view evidenced the intent not to restrain the right to make and enforce contracts, whether resulting from combinations or otherwise, which did not unduly restrain interstate or foreign commerce, but to protect that commerce from being restrained by methods, whether old or new, which would constitute an interference—that is, an undue restraint.

\* \* \* \* \*

In substance, the propositions urged by the Government are reducible to this: That the language of the statute embraces every contract, combination, etc., in restraint of trade, and hence its text leaves no room for the exercise of judgment, but simply imposes the plain duty of applying its prohibitions to every case within its literal language. The error involved lies in assuming the matter to be decided. This is true, because, as the acts which may come under the classes stated in the first section and the restraint of trade to which that section applies are not specifically enumerated or defined, it is obvious that judgment must in every case be called into play in order to determine whether a particular act is embraced within the statutory

classes, and whether, if the act is within such classes, its nature or effect causes it to be a restraint of trade within the intendment of the act. To hold to the contrary would require the conclusion either that every contract, act, or combination of any kind or nature, whether it operated a restraint on trade or not, was within the statute, and thus the statute would be destructive of all right to contract or agree or combine in any respect whatever as to subjects embraced in interstate trade or commerce, or, if this conclusion were not reached, then the contention would require it to be held that, as the statute did not define the things to which it related, and excluded resort to the only means by which the acts to which it relates could be ascertained—the light of reason—the enforcement of the statute was impossible because of its uncertainty. The merely generic enumeration which the statute makes of the acts to which it refers, and the absence of any definition of restraint of trade as used in the statute, leaves room for but one conclusion, which is that it was expressly designed not to unduly limit the application of the act by precise definition, but, while clearly fixing a standard—that is, by defining the ulterior boundaries which could not be transgressed with impunity—to leave it to be determined by the light of reason, guided by the principles of law and the duty to apply and enforce the public policy embodied in the statute in every given case, whether any particular act or contract was within the contemplation of the statute.

To the same effect is the case of *United States v. American Tobacco Co.* (221 U. S. 106, 55 L. Ed. 663), where the court said:

Applying the rule of reason to the construction of the statute, it was held in the *Standard Oil* case that as the words "restraint of trade" at common law and in the law of this country at the time of the adoption of the antitrust act only embraced acts or contracts or agreements or combinations which operated to the prejudice of the public interests by unduly restricting competition or unduly obstructing the due course of trade or which, either because of their inherent nature or effect or because of the evident purpose of the acts, etc., injuriously restrained trade, that the words as used in the statute were designed to have and did have but a like significance.

In the case of *Edmund S. Nash v. United States* (229 U. S. 376, 57 L. Ed. 1232), the decision of the Supreme Court in the *Standard Oil* and *Tobacco* cases was summarized as follows:

Those cases may be taken to have established that only such contracts and combinations are within the act as by reason of intent or the inherent nature of the contemplated acts prejudice the public interests by unduly restricting competition or unduly obstructing the course of trade.

To the same effect are the following decisions: *United States v. United States Steel Corporation* (251 U. S. 417; 64 L. Ed. 343); *Board of Trade of the City of Chicago v. United States* (246 U. S. 231; 62 L. Ed. 683); *United States v. Dupont de Nemours & Co.* (188 Fed. 127).

## II. SIZE ALONE IS NOT SUFFICIENT TO SHOW A VIOLATION OF THE SHERMAN ACT.

The decision of the Supreme Court in the case of *United States v. United States Steel Corporation* (251 U. S. 417, 64 L. Ed. 343), decided March 1, 1920, settled the question that size alone is not sufficient to show a violation of the Sherman Act in the absence of proof of such a dominant position in the industry that production and prices may be controlled, or, in other words, that there exists such a hold upon an industry that it is possible to monopolize and unreasonably restrain interstate or foreign commerce. We quote below from the decision, as follows:

The Government, therefore, is reduced to the assertion that the size of the corporation, the power it may have, not the exertion of the power, is an abhorrence to the law; or, as the Government says, "the combination embodied in the corporation unduly restrains competition by its *necessary effect* (the italics are the emphasis of the Government), and therefore is unlawful regardless of purpose." "A wrongful purpose."



the Government adds, "is matter of aggravation." The illegality is static; purpose or movement of any kind only its emphasis. To assent to that, to what extremes should we be led? Competition consists of business activities and ability, they make its life; but there may be fatalities in it. Are the activities to be encouraged when militant and suppressed or regulated when triumphant because of the dominance attained? To such paternalism the Government's contention, which regards power rather than its use the determining consideration, seems to conduct. Certainly conducts, we may say, for it is the inevitable logic of the Government's contention that competition must not only be free, but that it must not be pressed to the ascendancy of a competitor, for in ascendancy there is the menace of monopoly.

We have pointed out that there are several of the Government's contentions which are difficult to represent or measure; and the one we are now considering, that is, the power is "unlawful regardless of purpose," is another of them. It seems to us that it has for its ultimate principle and justification that strength in any producer or seller is a menace to the public interest and illegal because there is potency in it for mischief. The regression is extreme, but short of it the Government can not stop. The fallacy it conveys is manifest.

The corporation was formed in 1901; no act of aggression upon its competitors is charged against it; it confederated with them at times in offense against the law, but abandoned that before this suit was brought, and since 1911 no act in violation of law can be established against it except its existence be such an act. This is urged, as we have seen, and that the interest of the public is involved, and that such interest is paramount to corporation or competitors. Granted, though it is difficult to see how there can be restraint of trade when there is no restraint of competitors in the trade nor complaints by customers. How can it be worked out of the situation and through what proposition of law? Of course, it calls for nothing other than a right application of the law, and, to repeat what we have said before, shall we declare the law to be that size is an offense, even though it minds its own business, because what it does is imitated? The corporation is undoubtedly of impressive size, and it takes an effort of resolution not to be affected by it or to exaggerate its influence. But we must adhere to the law, and the law does not make mere size an offense or the existence of unexerted power an offense. It, we repeat, requires overt acts, and trusts to its prohibition of them and its power to repress or punish them. It does not compel competition, nor require all that is possible.

The principle announced by the Supreme Court in the Steel case, that size is not controlling, is further illustrated by the decision in the case of *United States v. Quaker Oats Co.*, 232 Fed. 499. In this case the Government alleged that the purchase by the Quaker Oats Co., which had, roughly speaking, 55 per cent of the rolled-oats business of the United States, of certain property of the Western Cereal Co., which had about 15 per cent or 20 per cent of the rolled-oats business, was contrary to law. A decision adverse to the Government was rendered in April, 1916, and an appeal to the Supreme Court was dismissed upon motion of the Government May 1, 1920, which was subsequent to the decision of the Supreme Court in the Steel case. Judge Mack, in rendering the opinion in the lower court, said as follows:

Every purchase between two people in the same business, one buying out the other, is necessarily a lessening of competition; but as long as the property is such that the fullest opportunity of country-wide competition exists, the field being open to everybody with but small capital, there being no patent rights, there being no other hindrance to the freest development of individual enterprise, I fail to see anything undue, anything unreasonable in the restriction of competition that results, although it be the largest of several competing firms that buys out the second largest.

Justice Taft has summarized the law on this subject in a very concise statement appearing upon page 112 of his book entitled "The Antitrust Law and the Supreme Court," as follows:

The effect of the cases is that a mere union of capital in the same branch of industry for the purpose of promoting economy and efficiency, though it uses interstate commerce, and though to the extent of the business of the two firms or companies it suppresses the competition of each against the other, is not within the statute unless what

is done necessarily has the effect to control all the business or can be shown by the character of the acts to be intended to effect that purpose or to be a step in the plot to bring it about. Mere bigness is not an evidence of violating the act. It is the purpose and necessary effect of controlling prices and putting the industry under the domination of one management that is within the statute.

\* \* \* \* \*

The object of the antitrust law was to suppress the abuses of business of the kind described. It was not to interfere with a great volume of capital which, concentrated under one organization, reduced the cost of production and made its profits thereby and took no advantage of its size by methods akin to duress to stifle competition with it.

I wish to make this distinction as emphatic as possible, because I conceive that nothing could happen more destructive of the prosperity of this country than the loss of that great economy in production which has been and will be effected in all manufacturing lines by the employment of large capital under one management.

Attention is also called to the following decisions: *Bigelow v. Calumet & Hecla Mining Co.*, 167 Fed. 721; *United States v. Keystone Watch Case Co.*, 218 Fed. 502.

III. IN ALL CASES WHERE THE CONSOLIDATION OF INDUSTRIAL CORPORATIONS HAS BEEN HELD TO VIOLATE THE SHERMAN ACT, THEY HAVE CONTROLLED 50 PER CENT OR MORE OF THE BUSINESS OF THEIR RESPECTIVE INDUSTRIES, AND OPPRESSION OF OTHERS HAS APPEARED.

In the case of *Standard Sanitary Manufacturing Co. v. United States*, 226 U. S. 20; 57 L. Ed. 107, commonly referred to as the *Bathtub case*, it appeared that the consolidation included 85 per cent of the manufacturers and 90 per cent of the jobbers in number, and over 90 per cent of the purchasing power.

In *United States v. American Tobacco Co.*, 221 U. S. 157; 55 L. Ed. 663, the control ranged from 70 to 96 per cent of the various products handled by the American Tobacco Co. In the case of the *Standard Oil Co. v. United States*, 221 U. S. 1; 55 L. Ed. 619, the exact percentage of control did not appear, but it is apparent from the decision that it was surely over 50 per cent. In *Patterson v. United States*, 222 Fed. 599, which was the *Cash Register case*, the company controlled 80 per cent. In *United States v. Dupont de Nemours & Co.* (18 Fed. 127), the control ranged from 64 to 100 per cent. The case of *United States v. Whiting*, 212 Fed. 466, involved a combination of persons who purchased 86 per cent of the milk sold in specified country districts by the producers. In the case of *United States v. Corn Products Co.*, 234 Fed. 964, the court held unlawful a combination of starch factories producing 64 per cent of the total production. In the case of *United States v. International Harvester Co.*, 214 Fed. 987, the combination controlled 80 to 85 per cent of the production of harvester machinery.

The so-called railroad coal cases are easily distinguishable from the industrial corporation cases, as the former were decided on the ground that it is unlawful for a railroad company to effect a monopoly of the coal properties along its line, on the reasoning that a railroad is a monopoly in the territory served by it, and it is illegal for it to use its monopolistic power over shippers. Some of the cases to this effect are as follows: *United States v. Lake Shore & Michigan Southern R. R. Co.*, 203 Fed. 295; *United States v. Lehigh Valley R. R. Co.*, 225 Fed. 399; *United States v. Reading Co.*, 226 Fed. 229; *United States v. Delaware, Lackawanna & Western Railroad Co.*, 238 U. S. 514, 59 L. Ed. 1439.



The combination of common carriers, as well as public service corporations, should also be distinguished from the consolidation of industrial corporations, for the reasons set out in *United States v. Trans-Missouri Freight Assn.*, 166 U. S. 290, where the Supreme Court quoted with approval from the opinion of the lower court, as follows:

By reason of this marked distinction existing between enterprises inherently public in their character and those of a private nature, and further by reason of the difference between private persons and corporations engaged in private pursuits, who owe no direct or primary duty to the public, and public corporations created for the express purpose of carrying on public enterprises, and which, in consideration of the public powers exercised in their behalf, are under obligation to carry on the work intrusted to their management primarily in the interest and for the benefit of the community, it seems clear to me that the same test is not applicable to both classes of business and corporations in determining the validity of contracts and combinations entered into by those engaged therein.

As illustrating the rule in connection with public service companies other than railroads, we quote below from the case of *Gibbs v. Baltimore Gas Co.*, 130 U. S. 396, 32 L. Ed. 979:

The supplying of illuminating gas is a business of a public nature to meet a public necessity. It is not a business like that of an ordinary corporation engaged in the manufacture of articles that may be furnished by individual effort. *New Orleans Gas Co. v. Louisiana Light Co.*, 115 U. S. 650; *Louisville Gas Co. v. Citizens Gas Co.*, 115 U. S. 683; *Shepard v. Milwaukee Gas Co.*, 6 Wisconsin, 539; *Chicago Gaslight & Coke Co. v. Peoples Gas Light & Coke Co.*, 121 Illinois, 530; *St. Louis v. St. Louis Gas Light Co.*, 70 Missouri, 69. Hence, while it is justly urged that those rules which say that a given contract is against public policy should not be arbitrarily extended so as to interfere with the freedom of contract (*Frinting*, etc.), *Registering Co. v. Sampson*, L. R. 19 Eq. 462, yet in the instance of business of such character that it presumably can not be restrained to any extent whatever without prejudice to the public interest, courts decline to enforce or sustain contracts imposing such restraint, however partial, because in contravention of public policy. This subject is much considered, and the authorities cited in *West Virginia Transportation Co. v. Ohio River Pipe Line Co.*, 22 West Virginia, 600; *Chicago, etc., Gas Co. v. Peoples Gas Co.*, 121 Illinois, 530; *Western Union Telegraph Co. v. American Union Telegraph Co.*, 65 Georgia, 160.

Other cases to the same effect are: *Thomsen v. Cayeer*, 243 U. S. 66; 61 L. Ed. 597; *United States v. Union Pacific R. R. Co.*, 226 U. S. 61; 57 L. Ed. 124; *Northern Securities v. United States*, 193 U. S. 363; 48 L. Ed. 711. *United States v. Southern Pacific R. R. et al.*, decided May 29, 1922, and reported in *United States Supreme Court Advance Opinions of July 1, 1922*, No. 16, page 574.

#### IV. INTENTION IS ONLY MATERIAL IN DOUBTFUL CASES.

Where the extent of control over an industry is so large that there can be no question but what an unreasonable restraint of trade or monopoly results, intention is unimportant, the cases holding that under such circumstances a good intent does not save the combination. Likewise, where the control is not sufficient to result in an unreasonable restraint of trade or monopoly, intention is not material. This was clearly illustrated in the *Steel* case where the court found that the combination was effected for the express purpose of controlling production and prices and thus restraining trade, yet as the company did not have power to do so the consolidation was held not to be illegal.

That it is only in doubtful cases where intention becomes important was decided in the case of *United States v. Reading Co.*, 226 U. S. 324, 57 L. Ed. 243, where the court stated as follows:

Whether a particular act, contract, or agreement was a reasonable and normal method in furtherance of trade and commerce may, in doubtful cases, turn upon the intent to be inferred from the extent of the control thereby secured over the commerce affected, as well as by the method which was used. Of course, if the necessary result is materially to restrain trade between the States, the intent with which the thing was done is of no consequence. But when there is only a probability, the intent to produce the consequences may become important.

### THE CLAYTON ACT.

The first three paragraphs of section 7 of the Clayton Act are as follows:

SEC. 7. That no corporation engaged in commerce shall acquire, directly or indirectly, the whole or any part of the stock or other share capital of another corporation engaged also in commerce, where the effect of such acquisition may be to substantially lessen competition between the corporation whose stock is so acquired and the corporation making the acquisition, or to restrain such commerce in any section or community, or tend to create a monopoly of any line of commerce.

No corporation shall acquire, directly or indirectly, the whole or any part of the stock or other share capital of two or more corporations engaged in commerce where the effect of such acquisition, or the use of such stock by the voting or granting of proxies or otherwise, may be to substantially lessen competition between such corporations, or any of them, whose stock or other share capital is acquired, or to restrain such commerce in any section or community, or tend to create a monopoly of any line of commerce.

This section shall not apply to corporations purchasing such stock solely for investment and not using the same by voting or otherwise to bring about, or in attempting to bring about, the substantial lessening of competition. Nor shall anything contained in this section prevent a corporation engaged in commerce from causing the formation of subsidiary corporations for the actual carrying on of their immediate lawful business, or the natural and legitimate branches or extensions thereof, or from owning and holding all or a part of the stock of such subsidiary corporations, when the effect of such formation is not to substantially lessen competition.

#### I. THE WORDS "STOCK OR OTHER SHARE CAPITAL" DO NOT INCLUDE THE PHYSICAL ASSETS OF A CORPORATION.

The decisions of the courts distinguished clearly between the stock of a company and its physical assets. In the case of *Stewart v. Pierce*, 89 N. W. (Ia.) 234, the court stated as follows, on page 240:

The property of the corporation is also entirely distinct from the property in the shares of stock issued by it, and the stockholders are not the owners of its property as individuals. *Van Allen v. Assessors*, 70 U. S. 584; 18 L. Ed. 229; *Button v. Hoffman*, 61 Wis. 20 \* \* \*; *McTighe v. Construction Co. (Ga.)* 25 S. E. 326; *Mason v. Finch*, 28 Mich. 282; *Humphreys v. McKissock*, 140 U. S. 304.

In the case of *Central Improvement Co. v. Cambria Steel Co.*, 201 Fed. 828, the court said:

The stock of the Central Co. was not the property of that company. It was a liability of that company.

To the same effect are the following cases: *Van Allen v. Assessors*, 3 Wall. (U. S.) 573. *Humphreys v. McKissock*, 140 U. S. 304; 35 L. Ed. 473; *Coal Belt Electric Railway Co. v. Peabody Coal Co.*, 230 Ill. 164; 82 N. E. 627.

An analysis of the second and third paragraphs of section 7 of the Clayton Act shows that it was not intended that these words should



cover and include the physical assets of a corporation. For instance, in the second paragraph the following words appear: “\* \* \* the use of such stock by the voting or granting of proxies or otherwise,” and in the third paragraph it is provided that “This section shall not apply to corporations purchasing such stock solely for investment and not using the same by voting or otherwise to bring about,” etc.

The use of the words above quoted clearly indicates that the kind of stock and share capital which Congress had in mind was such that carried voting rights with it, and could, therefore, only refer to the capital stock of a corporation and would necessarily exclude the physical assets.

This is apparent also from the debates in Congress at the time the act was passed. We quote below from remarks made by Senator Reed, appearing in the Congressional Record of Thursday, August 27, 1914, at which time the Clayton Act was under discussion in the Senate:

To my mind a corporation ought not to be permitted to own the capital stock of another corporation, with the single exception that a corporation might be permitted to become the owner of capital stock in the same way that corporations are permitted to become the owners of real estate, where they are obliged to take it for debt; but in such an instance the corporation ought not to be permitted to vote the stock in the other corporation.

\* \* \* \* \*

Section 8 provides in effect that no corporation engaged in commerce shall, directly or indirectly, acquire the capital stock of “another corporation engaged also in commerce where the effect of such acquisition is to eliminate or substantially lessen competition between the corporation whose stock is so acquired and the corporation making the acquisition, or to create a monopoly of any line of commerce.”

The committee agrees to that doctrine; and you will observe that it is limited in its operation simply to the acquisition of stock where the effect of it is to eliminate or substantially lessen competition or to create monopoly.

We also quote the remarks of Senator Poindexter, as follows:

The proposition here, as I undertook to say before, is an entirely different one from the rule laid down by the court under the Sherman Antitrust Act. Here it is proposed to specify a certain definite transaction and prohibit it, namely, the corporate ownership of stock in a competing corporation or the holding of stock in two competing corporations by a holding company. The Sherman Antitrust Act simply prohibits an unreasonable restraint of trade, which is a much more indefinite and vague proposition.

It thus appears that there is no possibility of successfully contending that the term “stock or other share capital” as used in paragraph 1 of section 7 of the Clayton Act covers or includes the physical assets of a corporation.

## II. SECTION 7 OF THE CLAYTON ACT DOES NOT APPLY TO THE CONSOLIDATION OF TWO COMPETING CORPORATIONS WHERE ONE PURCHASES THE PHYSICAL ASSETS OF THE OTHER.

The Federal Trade Commission, in its conference rulings, has so held, as appears from conference ruling No. 8, issued in its Bulletin No. 1, of January 31, 1916, which is as follows:

8. *The right of one manufacturer engaged in interstate commerce to buy out a competitor, and jurisdiction of the commission in such matters.*—On inquiry as to the right of one manufacturer to buy out a competitor in the same line of business: *Held*, That the only jurisdiction of the commission in respect of such transactions is to enforce the provisions of section 7 of the Clayton Act prohibiting the acquisition by any

corporation engaged in interstate commerce of the capital stock, in whole or in part, of another corporation thus engaged, where the tendency of such acquisition may be to substantially lessen competition between such two corporations, or to restrain interstate commerce, or to create a monopoly; and also possibly to enforce section 5 of the Federal Trade Commission act, if such purchase, either of property or of capital stock, in connection with other circumstances might constitute an unfair method of competition. *Held also*, That the mere purchase of the property of such competitor other than capital stock is not prohibited by the Clayton Act or the Federal Trade Commission act.

As to the validity of such purchase of property or capital stock under the Sherman Act, the commission expresses no opinion.

As further evidencing the attitude of the Federal Trade Commission upon this subject, we call attention to the fact that certain members of the Federal Trade Commission made efforts to have the law amended so as to expressly prohibit the purchase of physical assets where the effect was to substantially lessen competition between two corporations or restrain commerce in any section or community or to create a monopoly in any line of commerce. Certain members of the Federal Trade Commission appeared before the Committee on the Judiciary of the House of Representatives, Sixty-sixth Congress, first session, in their investigation of the high cost of living, September 8 and 9, 1919. On page 21 of Serial 5 of the hearings, Victor Murdock, a member of the Federal Trade Commission, testified as follows:

Now, in section 7, Clayton Act, Mr. Chairman, Congress provided against a corporation's acquisition of stock in competing companies. I think at the time Congress passed that act it was a wise piece of legislation. But section 7 of the Clayton Act certainly needs strengthening now, because section 7 does not include the word "property." \* \* \* But the Government can not win where there is an acquisition of property instead of an acquisition of stock as the law stands to-day.

In his memorandum on the proposed merger of the Midvale Steel & Ordnance Co., the Republic Iron & Steel Co., and the Inland Steel Co., Commissioner Van Fleet, in commenting upon this subject, stated as follows:

The Clayton Act provides that "no corporation engaged in commerce shall acquire, directly or indirectly, the whole or any part of the stock or other share capital of another corporation engaged also in commerce, where the effect of such acquisition may be to substantially lessen competition between the corporation whose stock is so acquired and the corporation making the acquisition, or to restrain such commerce in any section or community, or tend to create a monopoly of any line of commerce.

It will be seen that this act is much more far-reaching than the Sherman Act in cases coming within its provisions, for the reason that it prohibits substantial lessening of competition between the corporations themselves, and if its language were broad enough to include every combination, however effected, it would prohibit all combinations of competing businesses.

In such case and under such construction the Sherman Act would become obsolete. There would be no need ever to resort to it because always the combination, though it did not contravene its provisions, would come within the provisions of the Clayton Act. So the Clayton Act specifically limits its operation to a case where the combination is effected by the acquisition of shares or share capital, thus under the well-known maxim of statutory construction "ex-pressio unius", etc. excluding its application to any other state of facts. Thus it seems plain that the proposed merger does not come within the inhibition of either the Sherman Act or the Clayton Act. The Attorney General in an opinion, recently rendered to the Senate of the United States in response to a resolution, has held that the proposed combination is not in violation of either of those acts. While such opinion is not of binding effect on this Commission, I think it is sound and entitled to great weight.

\* \* \* \* \*

There was a well-defined purpose in the Clayton Act, namely, to prevent secret combinations by the acquisition of stock, and a reference to the debate over the bill clearly demonstrates this and clearly shows it did not have in mind the prohibition of the merging of competing companies under all circumstances.



The reason why a prohibition against the acquisition of physical assets was not included in section 7 of the Clayton Act is because Congress was not seeking to make unlawful every acquisition by one company of a competing company, but desired to prevent secret combinations which could easily be accomplished by a purchase of the capital stock of a company, as the stock could be transferred to some third party for the benefit of the acquiring corporation or placed in a voting trust. There are any number of means which could be used to conceal the acquisition of the capital stock of one company by another, and it was this which Congress was seeking to prevent. There is not the same opportunity for secrecy in the purchase of the physical assets of a company, and therefore there was no necessity or desire of covering in the Clayton Act such a situation, as it would have prevented the acquisition of one company by another in all cases where there was a substantial lessening of competition between the two companies whether the restraint of competition amounted to a violation of the Sherman Act or not. Such a result was never intended by Congress. This appears from the debates in Congress when the bill was under consideration.

We quote below remarks made by Senator Cummins, appearing in the Congressional Record of August 27, 1914, as follows:

It would lessen competition as between the two, but of course if one had a right under the law to buy out the other it could not be any offense against the law, as it is now for one to acquire the control of the other. It is just that case that we want, as I think, to prohibit, so that if a consolidation can lawfully occur under the antitrust law it shall be an open, public consolidation, so that everybody can know what is transpiring.

\* \* \* \* \*

I do not believe that is the proper construction of the antitrust law; otherwise there could be no sale of business. I think there can be, but wherever the law permits the sale of the business then it ought to be open and public, and a corporation ought not to acquire control of a business simply through the purchase of the stock of a company which continues under its own name, and so far as the public knows is independent in its management. That is what I think this section is intended in the main to prevent.

It should be borne in mind in considering this question that the Clayton Act was passed to supplement existing laws against unlawful restraints and monopolies, and the whole purpose of it was to prohibit the doing of specific acts as distinguished from the Sherman law, which was general in its wording, and section 7 carries this idea out by specifying particular acts which are prohibited, namely, the purchase of stock or other share capital of a corporation under certain conditions. Therefore, the act can not be broadened by interpretation under the well-known doctrine of *expressio unius*, which is a maxim meaning that the expression of one thing is the exclusion of another. No maxim of law is of more general and uniform application, and it is never more applicable than in the construction and interpretation of statutes. (*Hackett v. Amdsdén*, 56 Vt. 201; *Whitehead v. Cape Henry Syndicate*, 105 Va. 354; 54 S. E. 306; 25 C. J. 220.)

#### FEDERAL TRADE COMMISSION ACT.

The first two paragraphs of section 5 of the Federal Trade Commission act are as follows:

That unfair methods of competition in commerce are hereby declared unlawful.

The commission is hereby empowered and directed to prevent persons, partnerships, or corporations, except banks and common carriers, subject to the acts to regulate commerce, from using unfair methods of competition in commerce.

I. METHOD OF COMPETITION TO BE "UNFAIR" MUST INVOLVE DECEPTION, BAD FAITH, FRAUD, OR OPPRESSION, OR BE CONTRARY TO PUBLIC POLICY AS TENDING UNDULY TO RESTRAIN TRADE OR CREATE MONOPOLY.

The case of Federal Trade Commission *v. Gratz* (253 U. S. 421), is authority for the above proposition. In that decision the court stated as follows:

The words "unfair methods of competition" are not defined by the statute and their exact meaning is in dispute. It is for the courts, not the commission, ultimately to determine as matter of law what they include. They are clearly inapplicable to practices never heretofore regarded as opposed to good morals because characterized by deception, bad faith, fraud, or oppression, or as against public policy because of their dangerous tendency unduly to hinder competition or create monopoly.

To the same effect is the case of *Kinney-Rome Co. v. Federal Trade Commission* (275 Fed. 665), where the court stated as follows:

While the exact words "unfair methods of competition" have not been frequently, if at all, used in the decisions, yet "unfair competition" and "unfair trade" have been repeatedly the subject of consideration and discussion by Federal and State courts, and several times in this circuit. In *Pillsbury v. Pillsbury-Washburn, etc.*, Co. (64 Fed. 841, 845; 12 C. C. A. 432, 436), this court said:

"The right of appellees to relief is \* \* \* rested upon principles applied by courts of equity in cases analogous to cases of trade-marks, where the relief is afforded upon the ground of fraud." \* \* \*

We conclude, from the discussion of the term "unfair competition" by the courts, and we are of opinion, that there must be some fraud in trade that injures a competitor, or lessens competition, before it can be said that there has been used an "unfair method of competition."

Other decisions to the same effect are as follows: *International News Service v. Associated Press* (248 U. S. 215); *Howe Scale Co. v. Wykoff* (198 U. S. 118); *Goodyear, etc., Co. v. Goodyear Rubber Co.* (128 U. S. 598).

II. THE PROPOSED ACQUISITION DOES NOT INVOLVE DECEPTION, BAD FAITH, FRAUD, OR OPPRESSION.

The proposed acquisition is being brought about entirely voluntarily by the parties for the purpose of effecting economies and there is no deception, bad faith, fraud, or oppression involved whatsoever. Therefore, the acquisition can not be considered an unfair method of competition within the definition thereof announced in the Gratz case, unless it can be said that it is against public policy because of its dangerous tendency unduly to hinder competition or create monopoly.

III. THE PROPOSED ACQUISITION IS NOT CONTRARY TO PUBLIC POLICY AS TENDING UNDULY TO RESTRAIN TRADE OR CREATE MONOPOLY.

The proposed acquisition will not violate the public policy of the Sherman Act, because it appears from our statement of facts submitted concurrently with this brief that there will not be any unreasonable restraint of trade or monopoly, as the acquisition involves too small a percentage of the entire packing business to admit of this. Furthermore, there is no reason to invoke the provisions of section 5 of the Federal Trade Commission act to enforce the public policy declared by the Sherman law, because the method of effecting the acquisition would come directly within the provisions of the Sherman law if an undue restraint of trade or monopoly is thereby



brought about as it is being accomplished through the agreement of the parties.

The only question left to consider is whether it is contrary to public policy as declared by section 7 of the Clayton Act. There is no question but what it does not come within the express provisions of section 7, because it is being accomplished by the purchase of physical assets and not of capital stock. It may be argued, however, that it is against public policy as declared by section 7 of the Clayton Act to acquire control of a company by the purchase of its physical assets under the circumstances described in section 7 of the act, and that, therefore, it is proper to invoke section 5 of the Federal Trade Commission act to enforce that public policy.

The error in this contention is the inference that it is against the public policy of section 7 of the Clayton Act for one company to acquire the physical assets of another company under the conditions therein set forth applicable to the purchase of capital stock. The Sherman law is general in its terms. The Clayton Act, which was passed to supplement the Sherman law, is specific and describes the exact method of acquiring control over a competing company which it declares to be unlawful, leaving no room to enlarge the act by construction as must necessarily result when it is argued that the public policy as declared in the Clayton Act prevents the acquisition of the physical assets of one company by another. It would have been a very simple matter to have added the word "property" in the act so as to cover the purchase of the physical assets of one company by another as well as the capital stock. In all the debates in Congress over this law there was no reference to making it unlawful for one company to buy the physical assets of another. What Congress was trying to prevent by the passage of section 7 of the Clayton Act was the secret purchase of the stock of one company by another, and in this way effecting consolidations which would be unknown to the public. This could be very easily accomplished through stock control, but would be difficult to accomplish and keep under cover by the purchase of physical assets. Why is it not just as reasonable to contend that it is against the public policy of section 7 of the Clayton Act for an individual to acquire control over a corporation or the business of another individual where the effect is to lessen competition between them or restrain commerce or tend to create a monopoly as it is to contend that it is against the public policy of that act for a corporation to purchase the physical assets of another corporation under those conditions? And yet no one would make this contention. This simply illustrates the length to which we would be led if we were to start to engraft provisions upon section 7 of this act. Following the matter out logically, it would have to be concluded that the Clayton Act declared it against public policy for everyone, whether person, copartnership, or corporation, to acquire control over the property or business of any other person, copartnership, or corporation in any way whatsoever, where the effect would be to substantially lessen competition between the two or restrain commerce in any section or community or tend to create a monopoly in any line of commerce. A mere statement of the proposition shows its absurdity.

That the contention is unsound appears from Commissioner Van Fleet's memorandum with reference to the proposed merger of the

Midvale Steel & Ordnance Co., the Republic Iron & Steel Co., and the Inland Steel Co., released under date of August 31, 1922, where he stated as follows:

But it is argued that the proposed merger comes within the Federal Trade Commission act as a method of unfair competition, because said act prohibits all methods which are against public policy, and it is argued that the proposed merger is against public policy as declared in the Clayton Act. I concede that all methods of competition which are against public policy are to be deemed unfair and within the act.

It is contended because the Clayton Act prohibits mergers which substantially lessen competition between the merging companies, under certain conditions, that this is a declaration of public policy to prevent such mergers under all conditions. In other words, we are to reach down into the Clayton Act and take a part therefrom and, supplementing it with the Federal Trade Commission act, make that unlawful which is not declared to be unlawful by the act itself. It is contended that such a merger is against public policy. Who says so? Congress did not say so. It said that such merger should be unlawful only when accomplished by the acquisition of shares or share capital. If its intent had been to make it against public policy to combine in any other manner, it would have said so. It might have used the words "capital assets," or "by any means," or "in any other manner," but it did not.

It seems to remain for the Federal Trade Commission to do this, thus making the inhibition of the act apply to a state of facts not enacted by Congress, thus adding to the law provisions Congress did not make: thus making that unlawful Congress did not make unlawful: thus, in plain terms, judicially legislating. There was a well-defined purpose in the Clayton Act, namely, to prevent secret combinations by the acquisition of stock, and a reference to the debate over the bill clearly demonstrates this and clearly shows it did not have in mind the prohibition of the merging of competing companies under all circumstances. I do not think any support for this theory can be obtained from the Beechnut case. The argument is that in that case, although there was no violation of the Sherman Act in terms, because no contract in restraint of trade, yet the court held the acts unlawful which were in violation of the terms of that act as against public policy. But the acts inhibited by the Sherman Act are and for hundreds of years have been unlawful at common law. Acts in unreasonable restraint of trade and tending to create monopoly have always been against the common law, and consequently against public policy, so that this public policy exists although the terms of the Sherman Act are not violated.

But the case of the Clayton Act is different. It has never been per se unlawful nor against the common law for two or more competing businesses to combine, thus substantially lessening competition between them. In and of itself, without more, such a combination has always been legal. It is only when it goes further and results in unreasonable restraint of trade or tends to create a monopoly that it becomes unlawful, unless it also comes within all the terms of the Clayton Act. The mere fact of the elimination of competition between merging corporations never having heretofore been illegal, it can not be made illegal by the mere fiat of the Federal Trade Commission. As said by the Supreme Court in the Gratz case: "The words 'unfair methods of competition' \* \* \* are clearly inapplicable to practices never heretofore regarded as opposed to good morals because characterized by deception, bad faith, fraud, or oppression, or as against public policy because of their dangerous tendency unduly to hinder competition or create monopoly."

#### IV. THE JURISDICTION OF THE FEDERAL TRADE COMMISSION TO PREVENT UNFAIR METHODS OF COMPETITION SO FAR AS A PACKER IS CONCERNED HAS BEEN TRANSFERRED TO THE SECRETARY OF AGRICULTURE BY THE PACKERS AND STOCK YARDS ACT, 1921.

Section 406 of paragraph B of the packers and stockyards act, 1921, is as follows:

(b) On and after the enactment of this act, and so long as it remains in effect, the Federal Trade Commission shall have no power or jurisdiction so far as relating to any matter which by this act is made subject to the jurisdiction of the Secretary, except in cases in which, before the enactment of this act, complaint has been served under section 5 of the act entitled "An act to create a Federal Trade Commission, to define its power and duties, and for other purposes," approved September 26, 1914, or under section 11 of the act entitled "An act to supplement existing laws against unlawful restraints and monopolies, and for other purposes," approved October 15, 1914, and



except when the Secretary of Agriculture, in the exercise of his duties hereunder, shall request of the said Federal Trade Commission that it make investigations and report in any case.

Under this provision the only jurisdiction retained by the Federal Trade Commission to enforce section 5 of the Federal Trade Commission act, is to proceed with complaints under that section which were served prior to the passage of the packers and stockyards act. As it will be noted from the above-quoted section 406 of the packers and stockyards act, the Federal Trade Commission has no power or jurisdiction so far as relating to any matter which by that act is made subject to the jurisdiction of the Secretary of Agriculture, except in the cases above mentioned, and it appears clearly from paragraph A of section 202 of the packers and stockyards act, that the Secretary of Agriculture has authority to prevent unfair methods of competition when practiced by a packer. While the words "unfair methods of competition" are not used in paragraph A of section 202 of the packers and stockyards act, it is made unlawful for any packer to use unfair, unjustly discriminatory, or deceptive practices or devices in commerce, which we submit is sufficiently broad to include unfair methods of competition.

#### PACKERS AND STOCKYARDS ACT, 1921.

Section 202 of the packers and stockyards act, 1921, is as follows:

SEC. 202. It shall be unlawful for any packer to—

- (a) Engage in or use any unfair, unjustly discriminatory, or deceptive practice or device in commerce; or
- (b) Make or give, in commerce, any undue or unreasonable preference or advantage to any particular person or locality in any respect whatsoever, or subject, in commerce, any particular person or locality to any undue or unreasonable prejudice or disadvantage in any respect whatsoever; or
- (c) Sell or otherwise transfer to or for any other packer, or buy or otherwise receive from or for any other packer, any article for the purpose or with the effect of apportioning the supply in commerce between any such packers, if such apportionment has the tendency or effect of restraining commerce or of creating a monopoly in commerce; or
- (d) Sell or otherwise transfer to or for any other person, or buy or otherwise receive from or for any other person, any article for the purpose or with the effect of manipulating or controlling prices in commerce, or of creating a monopoly in the acquisition of, buying, selling, or dealing in any article in commerce, or of restraining commerce; or
- (e) Engage in any course of business or do any act for the purpose or with the effect of manipulating or controlling prices in commerce, or of creating a monopoly in the acquisition of, buying, selling, or dealing in, any article in commerce, or of restraining commerce; or
- (f) Conspire, combine, agree, or arrange with any other person (1) to apportion territory for carrying on business in commerce, or (2) to apportion purchases or sales of any article in commerce, or (3) to manipulate or control prices in commerce; or
- (g) Conspire, combine, agree, or arrange with any other person to do, or aid or abet the doing of, any act made unlawful by subdivision (a), (b), (c), (d), or (e).

#### I. THERE WILL BE NO VIOLATION OF THE UNFAIR PRACTICE PROVISIONS OF THE PACKERS AND STOCKYARDS ACT.

The words used in paragraph A of section 202 of the packers and stockyards act, namely, "any unfair, unjustly discriminatory, or deceptive practice or device in commerce," are no broader than the general term "unfair methods of competition," which were the words used in section 5 of the Federal Trade Commission act. In our dis-

cussion of section 5 of the Federal Trade Commission act we showed that the proposed acquisition is not an unfair method of competition, and the reasons there given are equally applicable here and show that there will be no violation of the unfair practice provisions of the packers and stockyards act.

II. THERE WILL BE NO VIOLATION OF THE MONOPOLY OR RESTRAINT OF TRADE PROVISIONS OF THE PACKERS AND STOCKYARDS ACT.

Paragraphs E and F of section 202 are the provisions of the packers and stockyards act relating to this subject. The monopoly and restraint of trade intended to be covered by these provisions are the same as those covered by the Sherman Act, and what we have said in reference to the Sherman Act is equally applicable here, so that it necessarily follows that if this acquisition does not violate the Sherman Act it will not violate these provisions of the packers and stockyards act.

There are no other provisions of the packers and stockyards act applicable to the proposed acquisition, and we submit, therefore, that this act will not be violated in any way by the acquisition under consideration.



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## APPENDIX.

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## APPENDIX.

(Submitted by Armour & Co.)

*Estimated total number of animals slaughtered (including farm) in the United States  
years 1912 to 1921.*

	Cattle.	Calves.	Sheep and lambs.	Goats.	Hogs.	Total slaughtered.
1912.....	11,979,000	6,348,000	19,433,400	206,800	56,022,000	93,989,200
1913.....	11,477,300	5,284,500	18,689,300	214,600	57,593,500	93,259,600
1914.....	11,004,500	4,661,400	18,460,500	499,000	55,148,100	89,773,500
1915.....	10,822,100	4,639,500	15,843,000	435,000	65,046,000	96,803,600
1916.....	12,026,700	5,773,900	15,492,200	564,300	73,035,600	106,892,700
1917.....	13,723,900	7,030,700	12,123,800	470,000	57,488,800	90,837,200
1918.....	15,750,449	7,767,193	13,230,577	390,125	65,732,450	102,870,794
1919.....	13,635,084	9,041,019	16,264,817	247,480	66,680,330	105,868,730
1920.....	12,847,691	9,223,370	14,079,680	120,477	60,635,884	96,907,102
1921.....	12,271,280	8,654,568	16,673,005	34,433	62,172,856	99,806,142
10 years.....	125,538,304	68,424,150	160,290,379	3,182,215	619,555,520	976,990,568
			163,472,594			

Source: United States Department of Agriculture, Department Circular No. 241, "Food Animals and Meat Consumption in the United States," John Roberts, editorial office, Bureau of Animal Industry, September, 1922.

*Number of animals slaughtered annually under Federal inspection in the United States,  
years 1912 to 1921.*

	Cattle.	Calves.	Sheep and lambs.	Goats.	Hogs.	Total slaughtered.
1912.....	7,252,378	2,277,946	14,979,265	72,894	33,052,727	57,635,210
1913.....	6,978,361	1,902,414	14,405,759	75,655	34,198,585	57,560,774
1914.....	6,756,737	1,696,962	14,229,343	175,906	32,531,840	55,390,788
1915.....	7,153,395	1,818,702	12,211,765	153,346	38,381,228	59,718,436
1916.....	8,310,458	2,367,303	11,941,366	198,909	43,088,708	65,906,744
1917.....	10,350,052	3,142,721	9,344,994	165,660	33,909,704	56,913,131
1918.....	11,828,549	3,456,393	10,319,877	137,725	41,214,250	66,956,794
1919.....	10,089,984	3,969,019	12,691,117	87,380	41,811,830	68,649,330
1920.....	8,608,691	4,058,370	10,982,180	42,477	38,018,684	61,710,402
1921.....	7,608,280	3,807,568	13,004,905	12,133	38,982,356	63,415,242
10 years.....	84,936,885	28,497,398	124,110,571	1,122,085	375,189,912	613,856,851
			125,232,656			

Source: United States Department of Agriculture, Department Circular No. 241, "Food Animals and Meat Consumption in the United States," John Roberts, editorial office, Bureau of Animal Industry, September, 1922.

*Percentage of United States inspected slaughter to total slaughter, years 1912 to 1921.*

	Cattle.	Calves.	Sheep and lambs.	Goats.	Hogs.	Total.
	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>
1912.....	60.54	35.88	77.08	35.24	59.00	61.32
1913.....	60.29	36.00	77.07	35.25	59.38	61.72
1914.....	61.39	36.40	77.04	35.25	58.98	61.70
1915.....	66.09	39.20	77.06	35.25	59.00	61.70
1916.....	69.10	41.00	77.08	35.24	59.00	61.66
1917.....	75.41	44.70	77.08	35.25	58.98	62.65
1918.....	75.09	44.50	78.00	35.30	62.70	65.08
1919.....	74.00	43.90	78.03	35.24	62.69	64.84
1920.....	67.01	44.00	77.99	35.26	62.70	63.68
1921.....	62.00	44.00	77.99	35.24	62.70	63.54
10 years.....	67.65	41.65	76.60		60.54	62.83

Number of animals used in obtaining the above percentages are on the two preceding statements.

*Number of head live stock purchased by Armour & Co., percentage that purchase is of estimated total slaughter in the United States, and percentage that purchase is of United States inspected slaughter.*

	Cattle.	Calves.	Sheep, lambs, and goats.	Hogs.	Total.
1912.....	1,416,481	288,672	2,695,778	5,413,969	9,814,900
1913.....	1,404,247	295,930	2,896,991	5,213,010	9,810,178
1914.....	1,286,173	268,987	2,885,078	4,746,941	9,187,179
1915.....	1,421,289	276,940	2,437,747	5,175,692	9,311,668
1916.....	1,566,816	355,400	2,455,650	6,288,231	10,666,097
1917.....	2,017,967	540,216	1,949,189	5,946,741	10,454,113
1918.....	2,382,653	655,156	1,977,903	6,261,168	11,276,880
1919.....	1,959,676	685,928	2,458,383	6,891,766	11,995,753
1920.....	1,692,980	761,887	2,350,538	5,767,409	10,572,714
1921.....	1,390,061	699,784	2,536,247	5,468,415	10,094,507
Total.....	16,538,343	4,828,900	24,643,504	57,173,342	103,184,089
Estimated total slaughter <sup>1</sup> .....	125,538,304	68,424,150	163,472,594	619,555,520	976,990,089
Armour & Co. percentage.....	13.17	7.06	15.08	9.23	10.56
United States inspected slaughter	84,936,885	28,497,398	125,232,656	375,189,912	613,856,851
Armour & Co. percentage.....	19.47	16.95	19.68	15.24	16.81

<sup>1</sup> The estimated total slaughter in the United States and the number of animals slaughtered annually under Federal inspection in the United States are as issued in the United States Department of Agriculture, Department Circular No. 241, "Food Animals and Meat Consumption in the United States," John Roberts, editorial office, Bureau of Animal Industry, September, 1922.

The purchase and the slaughter are practically the same, and the purchase is used in order to conform to similar statements of other packers, the slaughter figures of which are not available.

The purchase of Fowler, Canada, is not included.



*Number of head of live stock purchased by Morris & Co., percentage that purchase is of estimated total slaughter in the United States, and percentage that purchase is of United States inspected slaughter.*

	Cattle.	Calves.	Sheep, lambs, and goats.	Hogs.	Total, all live stock.
1912.....	920,572	176,796	1,378,446	2,105,815	4,581,629
1913.....	915,750	158,066	1,329,394	2,119,531	4,522,741
1914.....	847,723	128,424	1,292,755	1,945,652	4,214,554
1915.....	942,599	141,794	1,085,107	2,149,604	4,319,104
1916.....	1,036,282	173,261	1,089,731	2,611,640	4,910,914
1917.....	1,306,015	251,942	926,133	2,394,426	4,878,516
1918.....	1,467,631	268,177	965,951	2,513,336	5,215,095
1919.....	1,279,679	309,210	1,183,378	3,102,470	5,874,737
1920.....	1,053,163	286,493	1,069,919	2,285,005	4,684,579
1921.....	859,541	244,454	1,161,744	2,153,857	4,419,596
Total.....	10,618,954	2,138,617	11,482,558	23,381,336	47,621,465
Estimated totalslaughter <sup>1</sup> .....	125,538,304	68,424,150	163,472,594	619,555,520	976,990,568
Morris & Co. percentage.....	8.46	3.12	7.02	3.77	4.87
United States inspected slaughter.....	84,936,885	28,497,398	125,232,656	375,186,912	613,858,851
Morris & Co. percentage.....	12.50	7.50	9.17	6.23	7.76

<sup>1</sup> The estimated total slaughter in the United States and the number of animals slaughtered annually under Federal inspection in the United States are as issued in the United States Department of Agriculture, Department Circular No. 241, "Food Animals and Meat Consumption in the United States," John Roberts, editorial office, Bureau of Animal Industry, September, 1922.

The purchase and the slaughter are practically the same, and the purchase is used, as the slaughter figures are not available.

*Number of head of live stock purchased by Swift & Co., percentage that purchase is of estimated total slaughter in the United States, and percentage that purchase is of United States inspected slaughter.*

	Cattle.	Calves.	Sheep, lambs, and goats.	Hogs.	Total, all live stock.
1912.....	1,768,459	560,980	3,732,358	7,330,403	13,392,200
1913.....	1,772,124	478,531	4,057,058	7,322,881	13,630,594
1914.....	1,598,016	414,282	4,044,059	6,286,861	12,343,218
1915.....	1,799,190	438,978	3,460,897	6,980,659	12,679,724
1916.....	1,995,043	557,527	3,456,872	8,086,635	14,096,077
1917.....	2,575,259	851,963	2,738,806	7,627,167	13,793,195
1918.....	3,008,309	1,018,482	2,842,854	8,187,055	15,056,700
1919.....	2,574,291	1,173,819	3,710,619	9,225,082	16,683,811
1920.....	2,068,362	1,144,547	2,914,881	7,122,482	13,250,272
1921.....	1,736,089	1,023,387	3,189,567	6,564,488	12,513,531
Total.....	20,895,142	7,662,496	34,147,971	74,733,713	137,439,322
Estimated total slaughter <sup>1</sup> .....	125,538,304	68,424,150	163,472,594	619,555,520	976,990,568
Swift & Co. percentage.....	16.64	11.20	20.89	12.06	14.07
United States inspected slaughter.....	84,936,885	28,497,398	125,232,656	375,189,912	613,858,851
Swift & Co. percentage.....	24.60	26.89	27.26	19.92	22.39

<sup>1</sup> The estimated total slaughter in the United States and the number of animals slaughtered annually under Federal inspection in the United States are as issued in the United States Department of Agriculture, Department Circular No. 241, "Food Animals and Meat Consumption in the United States," John Roberts editorial office, Bureau of Animal Industry, September, 1922.

The purchase and the slaughter are practically the same, and the purchase is used in order to conform to a similar statement of other packers, the slaughter figures of which are not available.

The purchase of Toronto, Canada, is not included.

*Number of head of live stock purchased by Wilson & Co., percentage that purchase is of estimated total slaughter in the United States, and percentage that purchase is of United States inspected slaughter.*

	Cattle.	Calves.	Sheep, lambs, and goats.	Hogs.	Total, all live stock.
1912.....	641, 917	81, 064	912, 656	1, 596, 415	3, 232, 052
1913.....	620, 214	100, 350	998, 167	1, 690, 931	3, 409, 662
1914.....	565, 491	91, 830	1, 030, 586	1, 593, 823	3, 281, 730
1915.....	568, 848	90, 160	918, 123	2, 096, 442	3, 673, 573
1916.....	644, 764	124, 933	875, 017	2, 126, 884	3, 771, 598
1917.....	817, 556	153, 759	603, 448	1, 998, 468	3, 573, 231
1918.....	922, 676	204, 986	621, 949	2, 325, 759	4, 075, 370
1919.....	832, 264	227, 735	1, 000, 095	2, 703, 534	4, 763, 628
1920.....	685, 092	154, 357	712, 427	2, 322, 017	3, 873, 893
1921.....	569, 867	138, 113	805, 660	2, 155, 515	3, 669, 155
Total.....	6, 868, 689	1, 367, 287	8, 478, 128	20, 609, 788	37, 323, 892
Estimated total slaughter <sup>1</sup> .....	125, 538, 304	68, 424, 150	163, 472, 594	619, 555, 520	976, 990, 568
Wilson & Co. percentage.....	5. 47	2. 00	5. 19	3. 33	3. 82
United States inspected slaughter.....	84, 936, 885	28, 497, 398	125, 232, 656	375, 189, 912	613, 856, 851
Wilson & Co. percentage.....	8. 09	4. 80	6. 77	5. 49	6. 08

<sup>1</sup> The estimated total slaughter in the United States and the number of animals slaughtered annually under Federal inspection in the United States are as issued in the United States Department of Agriculture, Department Circular No. 241—"Food Animals and Meat Consumption in the United States." John Roberts editorial office, Bureau of Animal Industry, September, 1922.

The purchase and the slaughter are practically the same, and the purchase is used, as the slaughter figures are not available.

*Number of head live stock purchased by Cudahy & Co., percentage that purchase is of estimated total slaughter in the United States, and percentage that purchase is of United States inspected slaughter.*

	Cattle.	Calves.	Sheep, lambs, and goats.	Hogs.	Total, all live stock.
1912.....	479, 880	99, 739	1, 028, 690	1, 847, 419	3, 455, 728
1913.....	470, 797	69, 792	944, 559	1, 757, 868	3, 243, 016
1914.....	424, 158	48, 817	1, 035, 454	1, 553, 795	3, 062, 224
1915.....	519, 491	47, 869	908, 142	1, 663, 747	3, 134, 249
1916.....	542, 427	78, 995	861, 543	1, 936, 549	3, 419, 514
1917.....	708, 827	162, 430	795, 219	1, 953, 698	3, 620, 174
1918.....	867, 256	151, 677	926, 614	2, 040, 445	3, 985, 992
1919.....	796, 443	192, 973	1, 170, 165	2, 231, 507	4, 391, 088
1920.....	660, 213	147, 417	798, 050	1, 581, 332	3, 187, 012
1921.....	550, 436	100, 550	829, 766	1, 637, 067	3, 117, 819
Total.....	6, 019, 928	1, 100, 259	9, 293, 202	18, 203, 427	34, 616, 816
Estimated total slaughter <sup>1</sup> .....	125, 538, 304	68, 424, 150	163, 472, 594	619, 555, 520	976, 990, 568
Cudahy & Co. percentage.....	4. 80	1. 61	5. 68	2. 94	3. 54
United States inspected slaughter.....	84, 936, 885	28, 497, 398	125, 232, 656	375, 189, 912	613, 856, 851
Cudahy & Co. percentage.....	7. 09	3. 86	7. 42	4. 85	5. 64

<sup>1</sup> The estimated total slaughter in the United States and the number of animals slaughtered annually under Federal inspection in the United States are as issued in the United States Department of Agriculture, Department Circular No. 241, "Food Animals and Meat Consumption in the United States." John Roberts, editorial office, Bureau of Animal Industry, September, 1922.

The purchase and the slaughter are practically the same, and the purchase is used as the slaughter figures are not available.



*Estimated annual production, exports, imports, and consumption of all meats (lard not included) in the United States, calendar years 1912-1921.*

[Source: United States Department of Agriculture, Department Circular No. 241, "Food animals and meat consumption in the United States," John Roberts, editorial office, Bureau of Animal Industry, September, 1922. (Federal inspected figures are obtained from the monthly report.)]

## SLAUGHTER.

	Total.	Federal in- spected.	Other.	Exports.	Imports.	Domestic consump- tion.
1912.....	<sup>1</sup> 14, 573	19, 030	<sup>1</sup> 5, 543	<sup>1</sup> 486	( <sup>1</sup> )	<sup>1</sup> 14, 087
1913.....	14, 640	8, 763	5, 877	507	41	14, 174
1914.....	14, 039	8, 585	5, 454	475	323	13, 887
1915.....	14, 937	5, 384	5, 553	1, 309	129	13, 757
1916.....	15, 922	10, 248	5, 674	1, 304	38	14, 656
1917.....	14, 740	9, 906	4, 834	1, 322	44	13, 462
1918.....	17, 469	11, 927	5, 542	2, 454	210	15, 225
1919.....	16, 687	11, 209	5, 478	2, 214	59	14, 532
1920.....	16, 135	10, 538	5, 597	1, 093	120	15, 324
1921.....	16, 159	10, 325	5, 834	820	41	15, 623

<sup>1</sup> All figures million pounds.

*Estimated total production of all meats in the United States, year 1921, Federal inspected production, production exported, domestic consumption, and percentages of total production. Also business of Armour & Co. and Morris & Co. and percentage that their business is of the total business.*

	Total.	Per cent of total produc- tion.	Armour & Co.	Per cent of total.	Morris & Co.	Per cent of total.
Total production.....	<sup>1</sup> 16, 159	100. 00	<sup>1</sup> 1, 695	10. 49	<sup>1</sup> 845	5. 23
Federal inspected.....	10, 325	63. 90	1, 695	16. 42	845	8. 30
Others.....	5, 834	36. 10				
Exports.....	820	5. 07	108	13. 17	50	6. 10
Imports.....	41					
Domestic consumption <sup>2</sup> .....	15, 624		1, 587	10. 15	795	5. 08

<sup>1</sup> Million pounds.

<sup>2</sup> Includes difference between quantities in storage at the beginning and end of the year.

Armour & Co., total production, 1,695,000,000 pounds; exports 108,000,000 pounds, or 6.37 per cent.

Morris & Co., total production, 845,000,000 pounds; exports, 50,000,000 pounds, or 5.92 per cent.

*Number of slaughtering and meat packing establishments in the United States as of years 1909, 1914, and 1919, taken from Census Circular covering Fourteenth Census of the United States manufacturers, 1919, slaughtering and meat packing.*

	1909	1914	1919
Number of establishments.....	1, 221	1, 279	1, 304
Size of establishments by value of products:			
Less than \$5,000.....	16	25	21
\$5,000 to \$20,000.....	134	182	129
\$20,000 to \$100,000.....	438	427	338
\$100,000 to \$500,000.....	467	357	385
\$500,000 to \$1,000,000.....	82	121	121
\$1,000,000 and over.....	166	206	310
Character of ownership:			
Individuals.....	494	504	481
Corporations.....	450	494	582
All others.....	277	281	241

*Slaughter of hogs at 53 points, calendar year 1921; source, Yearbook Drovers' Journal for 1921, folio 117.*

Chicago <sup>1 2</sup> .....	5, 977, 213	Nashville, Tenn.....	113, 318
Albany, N. Y.....	397	Nebraska City.....	266, 614
Atlanta, Ga.....	60, 542	New Orleans, La.....	39, 813
Augusta, Ga.....	6, 601	New York City <sup>1 2</sup> .....	902, 370
Baltimore, Md.....	1, 013, 051	Ogden, Utah.....	47, 322
Birmingham, Ala.....	26, 505	Oklahoma City <sup>2</sup> .....	331, 361
Buffalo, N. Y.....	669, 760	Omaha <sup>1 2</sup> .....	1, 970, 545
Chattanooga, Tenn.....	16, 839	Peoria, Ill.....	163, 518
Cincinnati, Ohio.....	897, 763	Philadelphia, Pa.....	457, 404
Cleveland, Ohio.....	688, 246	Pittsburgh.....	504, 792
Columbus, Ohio.....	14, 087	Portland, Oreg.....	111, 746
Dallas, Tex.....	51, 547	Richmond, Va.....	168, 781
Dayton, Ohio.....	82, 668	St. Joseph, Mo. <sup>1 2</sup> .....	1, 516, 871
Denver, Colo. <sup>1</sup> .....	310, 696	St. Paul, Minn. <sup>1</sup> .....	1, 667, 763
Detroit, Mich.....	269, 430	Salt Lake City.....	36, 294
East St. Louis, Ill. <sup>1 2</sup> .....	1, 288, 730	San Antonio.....	33, 020
El Paso, Tex.....	13, 728	Seattle, Wash.....	131, 998
Emeryville, Calif.....	20, 571	Sioux City, Iowa <sup>1</sup> .....	1, 047, 431
Evansville, Ind.....	72, 648	Sioux Falls, S. Dak.....	57, 441
Fort Worth, Tex. <sup>1</sup> .....	276, 546	Spokane, Wash. <sup>1</sup> .....	21, 067
Indianapolis, Ind. <sup>1</sup> .....	1, 376, 543	Tacoma, Wash.....	57, 984
Jacksonville, Fla. <sup>1</sup> .....	47, 060	Toledo, Ohio.....	24, 123
Jersey City <sup>1</sup> .....	509, 185	Washington, D. C.....	111, 685
Kansas City, Mo. <sup>1 2</sup> .....	1, 712, 843	Wichita, Kans.....	348, 110
Knoxville, Tenn.....	8, 864	Total (42.25 per cent) ..	26, 267, 849
LaFayette, Ind.....	44, 308	All other (57.75 per cent)....	35, 905, 007
Lancaster, Pa.....	17, 425		
Louisville, Ky.....	180, 349	Total slaughter (100	
Milwaukee, Wis.....	482, 313	per cent) <sup>3</sup> .....	62, 172, 856

*Slaughter of cattle (including calves) at 53 points, calendar year 1921; source, Yearbook Drovers' Journal for 1921, folio 117.*

Chicago <sup>1 2</sup> .....	2, 236, 776	Nashville, Tenn.....	42, 186
Albany, N. Y.....	1, 853	New Orleans, La.....	159, 600
Atlanta, Ga.....	17, 973	New York City <sup>1 2</sup> .....	299, 697
Augusta, Ga.....	7, 831	Ogden, Utah.....	12, 940
Baltimore, Md.....	155, 643	Oklahoma City <sup>2</sup> .....	202, 352
Birmingham, Ala.....	18, 851	Omaha <sup>1 2</sup> .....	797, 419
Buffalo, N. Y.....	166, 679	Peoria, Ill.....	20, 633
Chattanooga, Tenn.....	10, 891	Philadelphia, Pa.....	224, 731
Cincinnati, Ohio.....	301, 620	Pittsburgh.....	174, 725
Cleveland, Ohio.....	227, 596	Portland, Oreg.....	59, 056
Columbus, Ohio.....	1, 431	Richmond, Va.....	19, 728
Dallas, Tex.....	7, 900	St. Joseph, Mo. <sup>1 2</sup> .....	369, 883
Dayton, Ohio.....	27, 463	St. Paul, Minn. <sup>1</sup> .....	563, 635
Denver, Colo. <sup>1</sup> .....	121, 984	Salt Lake City.....	25, 189
Detroit, Mich.....	168, 448	San Antonio.....	35, 846
East St. Louis <sup>1 2</sup> .....	465, 875	Seattle, Wash.....	46, 100
El Paso, Tex.....	23, 709	Sioux City, Iowa <sup>1</sup> .....	273, 382
Emeryville, Calif.....	34, 579	Sioux Falls, S. Dak.....	7, 466
Evansville, Ind.....	21, 357	Spokane, Wash. <sup>1</sup> .....	23, 067
Fort Worth, Tex. <sup>1</sup> .....	576, 203	Tacoma, Wash.....	25, 023
Indianapolis, Ind. <sup>1</sup> .....	230, 000	Toledo, Ohio.....	13, 696
Jacksonville, Fla. <sup>1</sup> .....	3, 384	Washington, D. C.....	27, 208
Jersey City, N. J. <sup>1</sup> .....	842, 754	Wichita, Kans.....	83, 035
Kansas City <sup>1 2</sup> .....	1, 199, 692	Total (52.12 per cent) ..	10, 917, 063
Knoxville, Tenn.....	10, 384	All others (47.88 per cent)....	10, 008, 785
LaFayette, Ind.....	8, 795		
Lancaster, Pa.....	37, 257	Total slaughter (100	
Louisville, Ky.....	81, 036	per cent) <sup>3</sup> .....	20 925 848
Milwaukee, Wis.....	402, 492		

<sup>1</sup> Indicates points at which Armour & Co. slaughter.

<sup>2</sup> Indicates points at which Morris & Co. slaughter.

<sup>3</sup> Total slaughter as published by the United States Department of Agriculture.



*Slaughter of sheep at 53 points, calendar year 1921; source, Yearbook Drovers' Journal for 1921, folio 117.*

Chicago <sup>1 2</sup> .....	3, 382, 655	Nashville, Tenn.....	22, 929
Albany.....	141	New Orleans, La.....	2, 739
Atlanta, Ga.....	1, 060	New York City <sup>1 2</sup> .....	220, 693
Augusta, Ga.....	99	Ogden, Utah.....	13, 707
Baltimore, Md.....	185, 597	Oklahoma City <sup>2</sup> .....	12, 082
Birmingham, Ala.....	1, 082	Omaha, Nebr. <sup>1 2</sup> .....	1, 626, 308
Buffalo, N. Y.....	242, 889	Peoria, Ill.....	2, 600
Chattanooga, Tenn.....	2, 915	Philadelphia, Pa.....	446, 049
Cincinnati, Ohio.....	121, 140	Pittsburgh, Pa.....	147, 559
Cleveland, Ohio.....	234, 180	Portland, Oreg.....	151, 325
Columbus, Ohio.....	494	Richmond, Va.....	10, 353
Dallas, Tex.....	802	St. Joe, Mo. <sup>1 2</sup> .....	730, 450
Dayton, Ohio.....	5, 313	St. Paul, Minn. <sup>1</sup> .....	315, 723
Denver, Colo. <sup>1</sup> .....	180, 430	Salt Lake City.....	67, 327
Detroit, Mich.....	168, 090	San Antonio, Tex.....	1, 512
East St. Louis, Ill. <sup>1 2</sup> .....	391, 025	Seattle, Wash.....	90, 525
El Paso, Tex.....	6, 654	Sioux City, Iowa <sup>1</sup> .....	191, 485
Emeryville, Calif.....	169, 800	Sioux Falls, S. Dak.....	1, 057
Evansville, Ind.....	3, 328	Spokane, Wash. <sup>1</sup> .....	25, 838
Fort Worth, Tex. <sup>1</sup> .....	157, 441	Tacoma, Wash.....	54, 917
Indianapolis, Ind. <sup>1</sup> .....	44, 214	Toledo, Ohio.....	2, 534
Jacksonville, Fla. <sup>1</sup> .....	167	Washington, D. C.....	34, 176
Jersey City, N. J. <sup>1</sup> .....	1, 993, 875	Wichita, Kans.....	5, 866
Kansas City <sup>1 2</sup> .....	1, 307, 428		
Knoxville, Tenn.....	865	Total (76.93 per cent).....	12, 855, 256
LaFayette, Ind.....	1, 609	All others (23.07 per cent)....	3, 852, 182
Lancaster, Pa.....	2, 007		
Louisville, Ky.....	25, 807	Total slaughter (100	
Milwaukee, Wis.....	46, 395	per cent) <sup>3</sup> .....	16, 707, 438

<sup>1</sup> Indicates points at which Armour & Co. slaughter.

<sup>2</sup> Indicates points at which Morris & Co. slaughter.

<sup>3</sup> Total slaughter as published by the United States Department of Agriculture.

*Total packing and marketing of hogs, year November 1, 1920, to November 1, 1921.*

NOTE.—Including receipts of hogs at New York, Jersey City, Philadelphia, and Baltimore. (Source, the Price Current Yearbook for 1921, folios 74, 75, and 76, and for the year 1922, folios 76, 77, and 78.)

	Hogs.		Hogs.
Chicago.....	6, 601, 775	Other Minnesota.....	7, 363
Kansas City.....	2, 147, 005	Sioux Falls, S. Dak.....	383, 626
South Omaha.....	2, 045, 062	Other South Dakota.....	
St. Louis.....	2, 935, 474	Fargo, N. Dak.....	
South St. Joseph.....	1, 446, 407	Alton, Ill.....	69, 298
Indianapolis.....	1, 374, 096	Decatur, Ill.....	20, 927
Milwaukee.....	552, 943	Jacksonville, Ill.....	29, 158
Cudahy.....	642, 355	Peoria, Ill.....	150, 863
Cincinnati.....	883, 741	Other Illinois.....	6, 896
Ottumwa.....	563, 049	Athens, Ohio.....	24, 083
Cedar Rapids.....	498, 012	Columbus, Ohio.....	70, 544
Sioux City.....	1, 133, 551	Dayton, Ohio.....	130, 690
South St. Paul.....	1, 790, 758	Fostoria, Ohio.....	14, 040
Cleveland.....	1, 104, 821	Lima, Ohio.....	25, 301
Louisville.....	183, 513	Marion, Ohio.....	2, 774
Wichita.....	324, 249	Toledo, Ohio.....	79, 645
Detroit.....	585, 066	Urbana, Ohio.....	17, 120
Nebraska City.....	272, 088	Youngstown, Ohio.....	35, 026
Fort Worth.....	265, 151	Other Ohio.....	46, 854
Oklahoma City.....	334, 830	Davenport, Iowa.....	78, 693
Denver.....	311, 282	Des Moines, Iowa.....	108, 450
Pittsburgh.....	545, 925	Dubuque, Iowa.....	248, 881
Albert Lea, Minn.....	223, 205	Mason City, Iowa.....	257, 653
Austin, Minn.....	546, 298	Waterloo, Iowa.....	258, 188
Winona, Minn.....	67, 500	Other Iowa.....	6, 980

	Hogs.		Hogs.
Evansville, Ind.	116, 901	Other New England	30, 000
Fort Wayne, Ind.	12, 646	Buffalo	857, 001
Lafayette, Ind.	44, 700	Utica	62, 098
Logansport, Ind.	26, 219	Allentown, Pa.	129, 311
Lincoln, Nebr.	12, 096	Bridgeport	61, 268
Springfield, Mo.	10, 240	Erie	20, 608
Marion, Ind.	26, 874	Harrisburg	49, 087
Mishawaka, Ind.	19, 440	Johnstown	20, 357
Terre Haute, Ind.	102, 110	Pottsville	53, 081
Other Indiana	6, 681	Reading	16, 578
Eau Claire, Wis.	49, 363	Shenandoah	34, 389
Other Wisconsin	15, 130	Williamsport	13, 250
Topeka, Kans.	140, 280	Kearney, N. J.	198, 209
Arkansas City, Kans.	17, 499	Newark, N. J.	381, 663
Other Kansas	11, 951	Wilmington, Del.	28, 294
Pueblo, Colo.	66, 570	Lancaster, Pa.	8, 306
Other Colorado	2, 654	Washington, D. C.	103, 988
Andalusia, Ala.	21, 831	Unenumerated (East)	60, 000
Birmingham, Ala.	30, 020	New York receipts	963, 166
Mobile, Ala.	14, 500	Philadelphia receipts	936, 976
Montgomery, Ala.	1, 272	Jersey City receipts	522, 248
Jacksonville, Ala.	47, 609	Baltimore receipts	1, 010, 682
Atlanta, Ga.	48, 413	Great Falls, Mont.	11, 764
Augusta, Ga.	29, 886	Billings, Mont.	4, 813
Moultrie, Ga.	11, 463	Anaheim, Calif.	5, 160
New Orleans, La.	40, 899	Emeryville, Calif.	6, 622
Chattanooga, Tenn.	16, 537	Los Angeles, Calif.	165, 178
Knoxville, Tenn.	21, 771	Sacramento, Calif.	10, 769
Norristown, Tenn.	1, 800	San Francisco, Calif.	195, 566
Nashville, Tenn.	81, 776	Reno, Nev.	7, 993
Other Tennessee	3, 906	Salt Lake City, Utah	29, 976
Dallas, Tex.	48, 836	Ogden, Utah	54, 166
San Antonio, Tex.	35, 007	Albany, Oreg.	11, 065
El Paso, Tex.	12, 590	Portland, Oreg.	106, 662
Richmond, Va.	155, 609	Salem, Oreg.	12, 748
Wheeling, W. Va.	301, 049	Seattle, Wash.	190, 303
Columbia, S. C.	5, 299	Spokane, Wash.	72, 419
Unenumerated (West)	110, 000	Tacoma, Wash.	50, 047
Boston, Mass.	781, 502	Walla Walla, Wash.	6, 760
Worcester, Mass.	101, 652	Unenumerated (far West)	14, 443
Brightwood	107, 340	Pomona, Calif.	4, 546
New Haven	115, 927		
Providence	58, 964		
			38, 920, 262

Above list, which is taken from the Price Current Yearbook, shows the packing and marketing of hogs at a large number of locations. The number of hogs is for the year ended November 1, 1921. It is not representative of the total slaughter of hogs in the United States. It agrees closely with the number reported by the Bureau of Animal Industry, United States Department of Agriculture, as slaughtered under Federal inspection, which for the calendar year 1921 is 38,982,356 hogs. The United States Department of Agriculture estimate total number of hogs slaughtered (including farms) in the United States for the calendar year 1921 as 62,172,856.



*Hog purchase, Chicago market.*

	Number.	Per cent.		Number.	Per cent.
<i>Year ended Oct. 30, 1920.</i>			<i>Year ended Oct. 29, 1921.</i>		
Armour.....	1,241,762	16.14	Armour.....	1,212,522	15.55
Swift.....	1,172,251	15.24	Swift.....	1,082,272	13.87
Morris.....	568,735	7.39	Morris.....	600,164	7.69
Wilson.....	632,244	8.22	Wilson.....	606,330	7.77
Agar.....	251,934	3.27	Agar.....	165,056	2.12
Boyd-Lunham.....	370,929	4.82	Boyd-Lunham.....	379,055	4.86
Brennan Packing Co.....	217,821	2.83	Brennan Packing Co.....	206,883	2.65
Chicago Packing Co.....	11,198	.14	Chicago Packing Co.....	112	.01
City Butchers.....	370,512	4.81	City Butchers.....	241,403	3.09
Cudahy Bros.....	4,287	.05	Independent Packing Co....	311,316	3.99
Independent Packing Co....	273,560	3.55	Miller & Hart.....	234,219	3.00
Miller & Hart.....	174,110	2.26	L. Pfaelzer.....	2,151	.03
L. Pfaelzer.....	16,831	.22	Roberts & Oake.....	283,959	3.64
Roberts & Oake.....	245,157	3.19	Western Packing & Provi- sion Co.....	721,081	9.24
Western Packing & Provi- sion Co.....	544,661	7.08	Shippers.....	1,754,913	22.49
Shippers.....	1,599,615	20.79			
Total.....	7,695,324	100.00	Total.....	7,801,436	100.00
Actual receipts.....	7,832,789	.....	Actual receipts.....	7,915,456	.....
Consigned direct to packers.	137,465	.....	Consigned direct to packers.	114,020	.....
Net receipts.....	7,695,324	.....	Net receipts.....	7,801,436	.....

*Cattle purchase, Chicago market.*

	Number.	Per cent.		Number.	Per cent.
<i>Year ended Oct. 30, 1920.</i>			<i>Year ended Oct. 30, 1920— Continued.</i>		
Armour.....	422,698	13.10	Shippers.....	1,192,452	36.96
Swift.....	654,156	20.27	Unaccounted for.....	77,459	2.40
Morris.....	336,448	10.43	Total.....	3,226,426	100.00
Wilson.....	304,703	9.44			
Cudahy.....	28,920	.90	<i>Year ended Oct. 29, 1921.</i>		
Independent Packing Co....	26,082	.81	Armour & Co.....	366,883	12.55
Western Packing & Pro- vision Co.....	28,859	.89	Swift & Co.....	571,439	19.55
L. Pfaelzer.....	40,500	1.26	Morris & Co.....	291,497	9.98
D. Levi.....	9,256	.29	Wilson & Co.....	278,688	9.54
Chicago Packing Co.....	11,246	.35	Cudahy.....	25,465	.87
Siegel & Heckinger.....	15,277	.47	Shippers.....	1,182,118	40.45
Guggenheim.....	31,620	.98	Unaccounted.....	206,321	7.06
Agar Packing Co.....	5,937	.18	Total.....	2,922,411	100.00
Illinois Packing Co.....	18,972	.59			
Peerless Packing Co.....	305	.01			
City Butchers.....	21,506	.67			

No record kept this year of City Butchers or other small packers.

*Sheep purchase, Chicago market.*

	Number.	Per cent.		Number.	Per cent.
<i>Year ended Oct. 30, 1920.</i>			<i>Year ended Oct. 29, 1921.</i>		
Armour.....	644,247	17.70	Armour.....	662,821	16.35
Swift.....	821,898	22.59	Swift.....	881,517	21.74
Morris.....	454,018	12.47	Morris.....	507,169	12.53
Wilson.....	425,597	11.69	Wilson.....	511,393	12.60
L. Pfaelzer.....	(1)	(1)	L. Pfaelzer.....	39,014	.96
City butchers.....	(1)	(1)	City butchers.....	72,620	1.78
Unaccounted for.....	110,534	3.04	Unaccounted for.....	313,658	7.74
Shipments.....	1,183,403	32.51	Shipments.....	1,066,667	26.30
Total.....	3,639,697	100.00	Total.....	4,054,859	100.00
Actual receipts.....	4,270,138	.....	Actual receipts.....	4,802,920	.....
Consigned direct to packers.	630,441	.....	Consigned direct to packers.	748,061	.....
Net receipts.....	3,639,697	.....	Net receipts.....	4,054,859	.....

<sup>1</sup> N record.

Total receipts of hogs, cattle, and sheep and the total purchases of the respective classes of live stock by Armour & Co. and Morris & Co. at the public markets of Chicago, Kansas City, South Omaha, St. Joseph, and East St. Louis, and the percentage that each company's purchase is of the total receipts for the year ended October 29, 1921.

Market.	Total receipts.	Armour & Co. purchase.	Per cent of total.	Morris & Co. purchase.	Per cent of total.
<b>HOGS.</b>					
Chicago.....	7,915,456	1,212,522	15.32	600,164	7.58
Kansas City.....	2,307,894	383,192	16.60	404,621	17.53
South Omaha.....	2,648,748	472,983	17.86	308,132	11.63
St. Joseph.....	1,697,515	380,369	22.41	392,512	23.11
St. Louis.....	3,316,910	380,405	11.47	144,531	4.36
<b>CATTLE.</b>					
Chicago.....	2,922,411	366,883	12.55	291,497	9.97
Kansas City.....	2,102,411	220,227	10.47	186,377	8.86
South Omaha.....	1,421,951	187,165	13.16	142,847	10.04
St. Joseph.....	486,925	89,865	18.46	84,783	17.41
St. Louis.....	817,845	130,768	15.99	52,336	6.39
<b>SHEEP.</b>					
Chicago.....	4,802,920	662,821	13.80	507,169	10.55
Kansas City.....	1,793,797	311,647	17.37	168,634	9.40
South Omaha.....	2,792,120	473,014	16.94	289,817	10.37
St. Joseph.....	913,876	89,904	9.84	93,959	10.28
St. Louis.....	646,858	188,751	29.18	91,203	14.09

List of branch houses of Armour & Co. and Morris & Co.

	Armour.	Morris.		Armour.	Morris.
Aberdeen, S. Dak.....	*	.....	Buffalo, N. Y.....	*	*
Akron, Ohio.....	*	.....	Butte, Mont.....	*	.....
Albany, Ga.....	*	.....	Cairo, Ill.....	*	.....
Albany, N. Y.....	*	*	Calais, Me.....	*	.....
Albuquerque, N. Mex.....	*	.....	Canton, Ohio.....	*	.....
Alexandria, La.....	*	.....	Caruthersville, Mo.....	*	.....
Alexandria, Va.....	*	.....	Charleston, S. C.....	*	*
Altoona, Pa.....	*	*	Charlestown, W. Va.....	*	*
Amarillo, Tex.....	*	.....	Charlotte, N. C.....	*	.....
Amsterdam, N. Y.....	*	.....	Chattanooga, Tenn.....	*	*
Anderson, S. Dak.....	*	*	Chester, Pa.....	*	.....
Anniston, Ala.....	*	.....	Chicago.....	12	11
Ansonia, Conn.....	*	*	Clarksdale, Miss.....	*	.....
Asheville, N. C.....	*	.....	Cleveland, Ohio.....	*	*
Ashland, Wis.....	*	.....	Colorado Springs, Colo.....	*	.....
Athens, Ga.....	*	.....	Columbia, S. C.....	*	*
Atlanta, Ga.....	*	*	Columbus, Ga.....	*	*
Atlantic City, N. J.....	*	*	Columbus, Ohio.....	*	*
Auburn, N. Y.....	*	*	Cordele, Ga.....	*	*
Augusta, Ga.....	*	*	Corpus Christi, Tex.....	*	.....
Aurora, Ill.....	*	.....	Corsicana, Tex.....	*	*
Austin, Tex.....	*	S	Dallas, Tex.....	*	.....
Baltimore, Md.....	2	1	Danville, Ill.....	*	*
Bangor, Me.....	*	.....	Danville, Va.....	*	.....
Batavia, N. Y.....	*	.....	Davenport, Iowa.....	*	.....
Baton Rouge, La.....	*	.....	Dayton, Ohio.....	*	*
Battle Creek, Mich.....	*	.....	Decatur, Ill.....	*	*
Bayonne, N. J.....	*	*	Denver, Colo.....	2	.....
Beaumont, Tex.....	*	*	Derby, Conn.....	*	.....
Beaver Falls, Pa.....	*	.....	Des Moines, Iowa.....	*	*
Bemidji, Minn.....	*	.....	Detroit, Mich.....	*	*
Berlin, N. H.....	*	.....	Dover, N. H.....	*	*
Bessemer, Ala.....	*	.....	Dubuque, Iowa.....	*	.....
Biddeford, Me.....	*	.....	Duluth, Minn.....	*	*
Billings, Mont.....	*	.....	East Liverpool, Ohio.....	*	.....
Binghamton, N. Y.....	*	*	East Orange, N. J.....	*	.....
Birmingham, Ala.....	*	*	Elizabeth, N. J.....	*	*
Bloomington, Ill.....	*	.....	Elmira, N. Y.....	*	*
Bluefield, W. Va.....	*	*	El Paso, Tex.....	*	*
Bogalusa, La.....	*	.....	Erie, Pa.....	*	.....
Boston, Mass.....	4	4	Evanston, Ill.....	*	.....
Braddock, Pa.....	*	*	Fall River, Mass.....	*	*
Bristol, Tenn.....	*	.....	Fargo, N. Dak.....	*	.....
Brooklyn, N. Y.....	4	5	Faust, N. Y.....	*	.....
Brownwood, Tex.....	*	.....	Fitchburg, Mass.....	*	.....



*List of branch houses of Armour & Co. and Morris & Co.—Continued.*

	Armour.	Morris.		Armour.	Morris.
Fort Smith, Ark.	*		Memphis, Tenn.	*	*
Fort Worth, Tex.	*		Meridan, Conn.	*	
Framingham, Mass.	*		Meridian, Miss.	*	
Galesburg, Ill.	*		Miami, Fla.	*	
Galveston, Tex.	*		Millerton, N. Y.		*
Gardiner, Me.	*		Middlesboro, Ky.	*	
Gary, Ind.	*		Middletown, Conn.		*
Geneva, N. Y.	*		Middletown, N. Y.	*	
Glen Falls, N. Y.	*		Milford, Mass.	*	
Gloversville, N. Y.	*		Milwaukee, Wis.	*	
Grafton, W. Va.	*		Minneapolis, Minn.	*	*
Grand Forks, N. Dak.	*		Mobile, Ala.	*	*
Grand Junction, Colo.	*		Monroe, La.	*	
Grand Rapids, Mich.		*	Montgomery, Ala.	*	*
Great Falls, Mont.	*		Mount Holly, N. J.	*	
Green Bay, Wis.	*		Mount Vernon, N. Y.	*	
Greensboro, N. C.	*	*	Munice, Ind.	*	
Greensburg, Pa.	*		Muskogee, Okla.	*	
Greenville, Miss.	*		Nacogdoches, Tex.	*	
Greenville, S. C.	*	*	Nanticoke, Pa.	*	
Greenville, Tex.	*		Nashville, Tenn.	*	
Gulfport, Miss.	*		National Stock Yards	*	*
Hackensack, N. J.	*		Newark, N. J.	2	1
Hartford.	*	*	New Bedford, Mass.	*	*
Hattiesburg, Miss.	*		New Britain, Conn.	*	
Habana, Cuba.	*		New Brunswick, N. J.	*	
Hazleton, Pa.	*	*	Newburg, N. Y.	*	*
Helena, Ark.	*	*	Newburyport, Mass.		*
Holyoke, Mass.	*	*	New Castle, Pa.	*	
Hot Springs, Ark.	*		New Haven, Conn.	*	*
Houghton, Mich.		*	New London, Conn.	*	
Houlton, Me.	*		New Orleans, La.	*	*
Houston, Tex.	*		Newport, R. I.	*	
Hudson, N. Y.		*	Newport News, Va.	*	*
Huntington, W. Va.	*		New York.	8	8
Huntsville, Ala.	*		Norfolk, Va.	*	*
Indianapolis.	*	*	Morristown, Pa.		*
Iron Mountain, Mich.		*	North Adams, Mass.	*	
Ironwood, Mich.	*		Northampton, Mass.	*	
Ishpeming, Mich.		*	Northfork, W. Va.	*	
Jackson, Mich.	*		Norton, Va.	*	
Jackson, Miss.	*		Norwich, Conn.	*	
Jacksonville, Fla.	*	*	Ogdensburg, N. Y.	*	
Jamaica, N. Y.	*		Oil City, Pa.	*	
Jermyn, Pa.		*	Oklahoma City, Okla.		*
Jersey City, N. J.	2	1	Olean, N. Y.	*	
Kalamazoo, Mich.	*		Omaha, Nebr.	*	2
Kansas City.	*	*	Ossining, N. Y.	*	
Kenosha, Wis.	*		Oswego, N. Y.	*	
Keokuk, Iowa.	*		Paducah, Ky.	*	
Key West, Fla.	*		Paris, Tex.	*	
Kingston, N. Y.	*	*	Parkersburg, W. Va.	*	
Knoxville, Tenn.	*		Passaic, N. J.	*	
Laconia.			Paterson, N. J.	*	*
La Crosse, Wis.	*	S	Peekskill, N. Y.	*	*
Lake Charles, La.	*		Pensacola, Fla.	*	*
Lake Providence, La.	*		Peoria, Ill.	*	
Laredo, Tex.	*		Philadelphia.	6	4
La Salle, Ill.	*		Phoenix, Ariz.	*	
Lawrence, Mass.		*	Piedmont, N. V.	*	
Lewiston, Me.	*		Pikeville, Ky.	*	
Lexington, Ky.	*		Pine Bluff, Ark.	*	
Lincoln, Nebr.	*		Pittsburgh.	3	3
Little Falls, N. Y.	*		Pittsfield, Mass.		*
Little Rock, Ark.	*	*	Pittston, Pa.		*
Logan, W. Va.	*		Plainfield, N. J.	*	
Long Branch, N. J.	*		Plattsburg, N. Y.	*	
Los Angeles, Calif.	*		Plymouth, Mass.	*	
Louisville, Ky.	*		Portland, Me.	*	*
Lowell, Mass.	*	*	Portland, Oreg.	*	
Lynchburg, Va.	*	*	Portsmouth, N. H.	*	
Lynn, Mass.	*		Poughkeepsie, N. Y.	*	*
Macon, Ga.	*	*	Providence, R. I.	*	*
Madison, Wis.	*		Pueblo, Colo.	*	
Malone, N. Y.	*		Quincy, Ill.	*	
Manchester, Conn.		*	Racine, Wis.	*	
Manchester, N. H.	*	*	Richmond, Va.	*	*
Marion, Ind.	*		Roanoke, Va.	*	*
Marlboro, Mass.	*	*	Rochester, N. Y.	*	*
Marquette, Mich.	*		Rockford, Ill.	*	
McAlester, Okla.	*		Rockland, Me.	*	
McKeesport, Pa.		*	Rockville, Conn.	*	

*List of branch houses of Armour & Co. and Morris & Co.—Continued.*

	Armour.	Morris.		Armour.	Morris.
Rome, N. Y.....	*	.....	Terre Haute, Ind.....	.....	*
Sacramento, Calif.....	*	.....	Taunton, Mass.....	.....	*
St. Joseph, Mo.....	*	*	Texarkana, Tex.....	*	.....
St. Louis, Mo.....	1	5	Thurmond, W. Va.....	*	.....
St. Paul, Minn.....	*	.....	Toledo, Ohio.....	*	*
Saginaw, Mich.....	*	.....	Trenton, N. J.....	*	*
Salem, Mass.....	*	.....	Trinidad, Colo.....	*	.....
Salt Lake City, Utah.....	*	.....	Troy, N. Y.....	*	*
San Antonio, Tex.....	*	*	Tucson, Ariz.....	*	.....
San Diego, Calif.....	*	.....	Tulsa, Okla.....	*	.....
Sandusky, Ohio.....	*	.....	Uniontown, Pa.....	*	.....
San Francisco, Calif.....	*	*	Utica, N. Y.....	*	*
Saratoga, N. Y.....	*	.....	Valdosta, Ga.....	*	.....
Savannah, Ga.....	*	*	Vicksburg, Miss.....	*	.....
Scranton, Pa.....	*	*	Waco, Tex.....	*	*
Seattle, Wash.....	*	.....	Warren, Pa.....	*	.....
Selma, Ala.....	*	.....	Washington, D. C.....	2	1
Shamokin, Pa.....	*	.....	Washington, Pa.....	*	.....
Sheboygan, Wis.....	*	.....	Waterbury, Conn.....	*	*
Shenandoah, Pa.....	*	.....	Watertown, N. Y.....	*	.....
Sherman, Tex.....	*	.....	Waterville, Me.....	*	.....
Shreveport, La.....	*	*	Waukegan, Ill.....	*	.....
Sioux City, Iowa.....	*	.....	Wassau, Wis.....	*	.....
South Bend, Ind.....	*	.....	Westerly, R. I.....	*	.....
South Omaha, Nebr.....	*	*	Wilkes-Barre, Pa.....	*	*
Spartanburg, S. C.....	.....	*	Williamson, W. Va.....	*	.....
Spencer, Mass.....	.....	*	Wilmington, Del.....	*	.....
Spokane, Wash.....	*	.....	Wilmington, N. C.....	*	*
Springfield, Ill.....	*	.....	Winston-Salem, N. C.....	*	*
Springfield, Mass.....	*	*	Woodsville, N. H.....	*	.....
Springfield, Mo.....	*	.....	Woonsocket, R. I.....	*	*
Stamford, Conn.....	*	.....	Worcester, Mass.....	*	*
Stamford, Tex.....	*	.....	Yonkers, N. Y.....	*	*
Steubenville, Ohio.....	*	.....	Youngstown, Ohio.....	*	.....
Streator, Ill.....	*	.....	Zanesville, Ohio.....	*	.....
Sunbury, Pa.....	*	.....	Bradford, Pa.....	.....	*
Syracuse, N. Y.....	*	.....	Bridgeport, Conn.....	.....	*
Tampa, Fla.....	*	*	Brocton, Mass.....	.....	*

*Sales year 1916 <sup>1</sup> of domestic branch houses of Big Five in six selected cities.*

[Source: Report of the Federal Trade Commission on the Meat Packing Industry, folio 150 of Part 1, June.]

	Swift & Co.	Armour & Co.	Morris & Co.	Wilson & Co (Inc.).	Cudahy Packing Co
New York district <sup>2</sup> .....	\$37,547,483	\$28,780,189	\$13,549,161	\$9,681,815	\$9,898,171
Chicago.....	26,376,022	14,857,534	10,506,898	9,389,152	2,011,028
Philadelphia.....	14,849,792	9,555,508	4,459,880	3,208,507	3,170,981
Boston.....	10,438,225	5,323,007	4,538,240	3,770,749	6,706,847
Atlanta.....	987,339	1,011,607	610,674	806,593	680,909
Washington.....	1,579,710	2,025,280	1,091,262	810,098	1,063,059
	91,778,572	61,553,127	34,756,117	27,666,917	23,530,998
Per cent.....	38.36	25.72	14.53	11.56	9.83

<sup>1</sup> Fiscal year of each company nearest to calendar year 1916.

<sup>2</sup> This classification is based on Armour & Co.'s New York district, which includes Greater New York (comprising New York, Brooklyn, and Jersey City) and cities of East Orange, Jamaica, and Newark. The branch houses of the other companies in this same territory are arbitrarily included as New York district, although these companies individually may include somewhat different territory in their own classification of New York district.

## FERTILIZER TONNAGE.

*Consumption of fertilizer for fiscal years ended (different dates according to States), 1914 to 1921, inclusive.*

[“Compiled from the most reliable statistics that are obtainable,” The American Fertilizer Hand Book, year 1922, folio 20.]

	Tons.		Tons.
1914.....	7,340,528	1918.....	6,756,743
1915.....	5,563,212	1919.....	6,891,322
1916.....	5,390,549	1920.....	7,639,239
1917.....	6,206,543	1921.....	5,214,523



*Fertilizer sold in bags and in bulk by the seven largest companies for the season of 1913.*

	Bagged goods, tons.	Bulk goods, tons.	Total, tons.	Per cent.
Virginia-Carolina Chemical Co. <sup>1</sup> .....	1,033,853	158,505	1,192,358	30.30
The American Agricultural Chemical Co.....	1,053,967	71,624	1,125,591	28.61
The Armour Fertilizer Works.....	487,865	61,114	548,979	13.95
International Agricultural Corporation <sup>2</sup> .....	132,261	195,108	327,369	8.33
F. S. Royster Guano Co.....	243,043	31,396	274,439	6.98
Swift & Co.....	220,658	25,849	246,507	6.26
Baugh & Sons Cos. <sup>3</sup> .....	157,428	61,852	219,280	5.57
Total.....	3,329,075	605,448	3,934,523	100.00

<sup>1</sup> Includes Southern Cotton Oil Co. and most of affiliated companies.

<sup>2</sup> Includes 100 per cent companies, but no affiliated companies.

<sup>3</sup> Includes Baugh & Sons Co., of Philadelphia; Baugh Chemical Co., of Baltimore County; and Baugh & Sons Co., of Baltimore City.

The above statement is taken from Federal Trade Commission report on fertilizer industry, dated August 19, 1916, Table 55, page 173.

The Armour & Co. packing houses' production of blood, tankage, and hoof meal, which is included in the Armour fertilizer business, represents only a small portion of the total of their fertilizer business, approximately only about 5 per cent.

The above statement is of tonnage and percentage of tonnage of the seven largest fertilizer companies. The tonnage is about 50 per cent of the total fertilizer business; therefore, one-half of the percentages shown would equal the different companies' percentage of the total business.

*Estimate of fertilizer tonnage by concerns.*

[This estimate is made by the Armour Fertilizer Works, and is on the basis of the average tonnage during normal years.]

	Tons.	Per cent.
American Agricultural Chemical Co. (The), New York City.....	1,250,000	19.23
Virginia-Carolina Chemical Co., Richmond, Va.....	1,250,000	19.23
Royster Guano Co. (F. S.), Norfolk, Va.....	450,000	6.92
International Agricultural Corporation, New York City.....	400,000	6.15
Swift & Co., Chicago, Ill.....	400,000	6.15
Armour Fertilizer Works, Chicago, Ill.....	600,000	9.23
Morris & Co., Chicago, Ill.....	40,000	.62
Wilson & Co., Chicago, Ill.....	25,000	.39
All others.....	2,085,000	32.08
Total.....	6,500,000	100.00

The Armour & Co. packing houses' production of blood, tankage, and hoof meal, which is included in the Armour fertilizer business, represents only a small portion of the total of their fertilizer business, approximately only about 5 per cent.

*Receipts of cattle, calves, hogs, and sheep, by weeks, at Chicago during the calendar year 1921, as compiled by the Chicago Drovers Journal and published in their Yearbook of Figures, on page 16.*

Week ended—	Cattle.	Calves.	Hogs.	Sheep.	Week ended—	Cattle.	Calves.	Hogs.	Sheep.
Jan. 8.....	62,499	15,822	193,725	77,980	July 9.....	31,725	7,696	121,436	40,991
Jan. 15.....	60,089	16,477	250,035	109,657	July 16.....	45,141	15,786	145,242	83,598
Jan. 22.....	77,601	13,411	256,866	91,594	July 23.....	44,332	15,145	149,857	75,189
Jan. 29.....	61,725	13,884	210,724	107,957	July 30.....	46,384	15,299	119,811	68,234
Feb. 5.....	54,484	13,686	240,449	80,517	Aug. 6.....	51,040	15,305	157,534	60,242
Feb. 12.....	43,457	12,678	204,556	77,847	Aug. 13.....	47,775	11,545	122,201	77,632
Feb. 19.....	44,935	13,108	199,838	97,531	Aug. 20.....	51,293	10,069	120,601	85,001
Feb. 26.....	48,417	12,869	167,293	83,961	Aug. 27.....	49,702	7,878	111,462	123,541
Mar. 5.....	50,762	12,858	186,596	92,729	Sept. 3.....	45,847	9,069	109,123	129,560
Mar. 12.....	53,542	16,736	156,976	84,021	Sept. 10.....	42,644	14,272	99,554	106,821
Mar. 19.....	55,017	18,786	137,615	106,567	Sept. 17.....	56,952	12,857	110,357	107,442
Mar. 26.....	44,551	18,101	93,870	82,546	Sept. 24.....	62,025	13,189	122,582	140,189
Apr. 2.....	46,359	18,922	124,211	96,707	Oct. 1.....	63,708	13,368	126,432	148,779
Apr. 9.....	50,698	19,171	117,365	78,052	Oct. 8.....	57,157	11,541	119,131	133,131
Apr. 16.....	47,898	18,632	141,220	98,987	Oct. 15.....	64,923	11,450	128,001	130,433
Apr. 22.....	60,266	17,022	142,121	93,772	Oct. 22.....	73,580	12,567	136,934	153,852
Apr. 30.....	59,539	21,616	151,502	83,820	Oct. 29.....	62,901	11,782	167,879	103,012
May 7.....	49,649	18,210	135,465	90,535	Nov. 5.....	52,582	12,187	148,715	97,443
May 14.....	46,382	18,525	127,585	79,534	Nov. 12.....	68,930	14,446	180,643	88,180
May 21.....	40,066	16,524	130,219	68,530	Nov. 19.....	70,355	13,137	193,896	103,437
May 28.....	53,502	18,736	168,560	75,365	Nov. 26.....	71,654	7,662	144,924	59,985
June 4.....	40,286	12,347	90,624	52,321	Dec. 3.....	60,784	15,678	213,199	89,669
June 11.....	56,351	18,503	162,797	80,016	Dec. 10.....	65,439	13,561	186,896	97,197
June 18.....	50,381	16,495	171,968	70,705	Dec. 17.....	69,295	13,722	239,911	99,276
June 25.....	54,137	15,278	171,607	72,858	Dec. 24.....	41,373	11,038	169,089	59,214
July 2.....	41,890	15,932	160,682	65,826	Dec. 31.....	31,145	6,783	192,856	61,565

*Receipts of cattle, calves, hogs, and sheep, by years, at Chicago during the calendar years 1912 to 1921, both inclusive, as compiled by the Chicago Drovers Journal and published in their Yearbook of Figures, page 18.*

Year.	Cattle.	Calves.	Hogs.	Sheep.
1912.....	2,652,342	505,401	7,180,967	6,055,546
1913.....	2,513,074	375,382	7,570,938	5,902,798
1914.....	2,237,881	363,614	6,618,166	5,378,345
1915.....	2,262,752	422,221	7,652,071	3,510,015
1916.....	2,730,176	519,624	9,188,224	4,291,024
1917.....	3,209,427	610,844	7,168,852	3,595,228
1918.....	3,789,922	657,767	8,614,190	4,629,736
1919.....	3,502,400	751,008	8,672,476	5,243,957
1920.....	3,107,090	742,405	7,526,120	4,005,237
1921.....	2,793,294	746,244	8,147,646	4,734,408

*Average prices of hogs at Chicago weekly during the year 1921, as compiled by the Chicago Drovers' Journal and published in their Year Book of Figures on page 57.*

Week ended—	Week ended—
Jan. 8.....	May 7.....
Jan. 15.....	May 14.....
Jan. 22.....	May 21.....
Jan. 29.....	May 28.....
Feb. 5.....	June 4.....
Feb. 12.....	June 11.....
Feb. 19.....	June 18.....
Feb. 26.....	June 25.....
Mar. 5.....	July 2.....
Mar. 12.....	July 9.....
Mar. 19.....	July 16.....
Mar. 26.....	July 23.....
Apr. 2.....	July 30.....
Apr. 9.....	Aug. 6.....
Apr. 16.....	Aug. 13.....
Apr. 23.....	Aug. 20.....
Apr. 30.....	Aug. 27.....



Week ended—		Week ended—	
Sept. 3.....	\$8. 25	Nov. 5.....	\$7. 60
Sept. 10.....	7. 90	Nov. 12.....	7. 15
Sept. 17.....	7. 65	Nov. 19.....	6. 75
Sept. 24.....	7. 50	Nov. 26.....	6. 80
Oct. 1.....	7. 25	Dec. 3.....	6. 90
Oct. 8.....	7. 65	Dec. 10.....	6. 80
Oct. 15.....	7. 90	Dec. 17.....	6. 90
Oct. 22.....	7. 70	Dec. 24.....	6. 90
Oct. 29.....	7. 55	Dec. 31.....	7. 20

*Average prices native beef cattle of various weights at Chicago, weekly, during year 1921, as compiled by the Chicago Drovers Journal and published in their Year Book of Figures on page 34.*

	750 to 1,050 pounds.	1,050 to 1,200 pounds.	1,200 to 1,350 pounds.	1,350 to 1,500 pounds.	1,500 to 1,800 pounds.
Week ended—					
Jan. 8.....	\$8. 20	\$8. 90	\$9. 65	\$10. 30	\$10. 95
Jan. 15.....	8. 10	8. 80	9. 30	10. 10	10. 00
Jan. 22.....	7. 90	8. 00	9. 10	9. 60	10. 00
Jan. 29.....	7. 50	8. 15	8. 50	8. 95	9. 35
Feb. 5.....	6. 95	7. 40	7. 85	8. 45	8. 50
Feb. 12.....	7. 20	7. 90	8. 40	8. 70	8. 75
Feb. 19.....	7. 65	8. 40	8. 80	9. 25	9. 40
Feb. 26.....	8. 25	8. 70	9. 10	9. 75	10. 15
Mar. 5.....	8. 45	9. 15	9. 50	10. 00	10. 40
Mar. 12.....	8. 70	9. 30	9. 65	10. 00	10. 50
Mar. 19.....	8. 60	9. 20	9. 50	9. 90	10. 45
Mar. 26.....	8. 40	9. 10	9. 40	9. 85	10. 20
Apr. 2.....	8. 25	8. 65	9. 10	9. 35	9. 80
Apr. 9.....	8. 05	8. 45	8. 90	9. 10	9. 30
Apr. 16.....	7. 60	8. 05	8. 45	8. 75	9. 00
Apr. 23.....	7. 65	7. 85	8. 10	8. 30	8. 60
Apr. 30.....	7. 30	7. 40	7. 75	7. 85	7. 95
May 5.....	7. 60	7. 75	8. 20	8. 40	8. 60
May 14.....	7. 85	8. 05	8. 40	8. 65	8. 80
May 21.....	7. 85	8. 10	8. 50	8. 65	8. 80
May 28.....	7. 65	7. 80	8. 10	8. 25	8. 35
June 4.....	7. 70	7. 90	8. 20	8. 35	8. 40
June 11.....	7. 70	7. 85	8. 15	8. 20	8. 25
June 18.....	7. 60	7. 80	8. 05	8. 15	8. 25
June 25.....	7. 65	7. 90	8. 20	8. 30	8. 40
July 2.....	7. 15	7. 30	7. 65	7. 75	8. 05
July 9.....	7. 20	7. 35	7. 60	7. 75	7. 95
July 16.....	7. 65	7. 75	8. 10	8. 25	8. 25
July 23.....	7. 60	7. 80	8. 10	8. 50	8. 60
July 30.....	7. 20	7. 80	8. 30	8. 85	9. 05
Aug. 6.....	7. 30	7. 85	8. 50	9. 10	9. 60
Aug. 13.....	7. 10	7. 75	8. 75	9. 35	10. 00
Aug. 20.....	7. 00	7. 50	8. 80	9. 50	10. 00
Aug. 27.....	6. 25	7. 00	7. 85	8. 75	8. 90
Sept. 3.....	6. 60	7. 50	8. 35	9. 15	9. 30
Sept. 10.....	7. 00	7. 55	8. 25	8. 25	8. 50
Sept. 17.....	7. 15	7. 65	8. 50	8. 35	8. 60
Sept. 24.....	6. 80	7. 15	8. 00	7. 90	8. 40
Oct. 1.....	6. 60	7. 00	7. 80	8. 00	8. 30
Oct. 8.....	7. 00	7. 60	8. 30	8. 60	9. 00
Oct. 15.....	6. 80	7. 40	8. 15	8. 60	8. 80
Oct. 22.....	6. 50	7. 00	7. 75	8. 15	8. 40
Oct. 29.....	6. 75	7. 40	8. 20	8. 65	9. 20
Nov. 5.....	6. 25	7. 00	7. 50	7. 85	8. 75
Nov. 12.....	5. 50	6. 50	7. 25	7. 70	8. 40
Nov. 19.....	5. 60	6. 00	6. 75	7. 25	8. 00
Nov. 23.....	5. 90	6. 40	7. 20	7. 65	8. 40
Dec. 3.....	5. 85	6. 35	7. 10	7. 60	8. 60
Dec. 10.....	5. 85	6. 75	7. 30	8. 00	8. 40
Dec. 17.....	5. 75	6. 35	7. 10	7. 50	8. 00
Dec. 24.....	5. 50	6. 00	6. 50	6. 85	7. 25
Dec. 31.....	6. 10	6. 60	6. 85	7. 50	7. 80

*Average prices lambs and average prices sheep at Chicago, weekly, during the year 1921, as compiled by the Chicago Drovers' Journal and published in their Year Book of Figures, pages 67 and 69.*

	Lambs.	Sheep.		Lambs.	Sheep.
Week ended—			Week ended—		
Jan. 8.....	\$11.25	\$4.40	July 9.....	\$10.55	\$4.90
Jan. 15.....	11.35	5.25	July 16.....	10.65	5.20
Jan. 22.....	10.55	5.15	July 23.....	10.30	5.80
Jan. 29.....	10.50	5.00	July 30.....	9.85	5.60
Feb. 5.....	9.35	4.25	Aug. 6.....	10.25	5.15
Feb. 12.....	9.10	4.25	Aug. 13.....	10.20	4.75
Feb. 19.....	8.35	4.50	Aug. 30.....	10.20	4.90
Feb. 26.....	10.00	6.00	Aug. 27.....	9.25	4.50
Mar. 5.....	10.25	6.00	Sept. 3.....	8.10	3.75
Mar. 12.....	9.85	5.65	Sept. 10.....	8.70	3.80
Mar. 19.....	9.50	5.75	Sept. 17.....	9.65	4.30
Mar. 26.....	9.60	5.90	Sept. 24.....	8.55	4.10
Apr. 2.....	9.05	6.25	Oct. 1.....	8.35	4.00
Apr. 9.....	9.15	6.15	Oct. 8.....	8.60	4.65
Apr. 16.....	9.30	6.30	Oct. 15.....	8.85	4.75
Apr. 23.....	9.90	6.90	Oct. 22.....	8.35	4.65
Apr. 30.....	10.15	6.95	Oct. 29.....	8.70	4.75
May 7.....	10.35	6.75	Nov. 5.....	8.80	4.00
May 14.....	11.25	6.90	Nov. 12.....	8.85	4.10
May 21.....	11.70	7.00	Nov. 19.....	8.70	3.70
May 28.....	11.30	4.20	Nov. 26.....	9.40	4.00
June 4.....	11.90	4.60	Dec. 3.....	9.90	4.35
June 11.....	11.75	4.65	Dec. 10.....	10.85	5.00
June 18.....	9.80	4.05	Dec. 17.....	10.90	4.50
June 25.....	11.85	4.85	Dec. 24.....	10.45	4.20
July 2.....	10.15	4.20	Dec. 31.....	11.20	4.70

*Average prices hogs, according to grades, at Chicago, monthly average prices for year 1921, and yearly average prices for years 1912 to 1921, both inclusive, as compiled by the Chicago Drovers Journal and published in their Year Book of Figures on page 54.*

	Mixed.	Heavy.	Light.	All grades.	Pigs.
MONTHS.					
January.....	\$9.45	\$9.25	\$9.60	\$9.40	\$9.70
February.....	9.45	9.10	9.75	9.35	9.65
March.....	10.00	9.60	10.50	9.90	10.50
April.....	8.70	8.25	9.00	8.50	8.60
May.....	8.45	8.20	8.60	8.35	8.10
June.....	8.30	8.10	8.50	8.20	7.90
July.....	9.85	9.50	10.15	9.75	10.10
August.....	9.45	9.15	9.75	9.35	9.40
September.....	7.75	7.40	8.10	7.60	7.40
October.....	7.85	7.40	8.25	7.70	7.95
November.....	7.85	7.50	8.00	7.05	7.60
December.....	6.90	6.75	7.40	7.00	7.40
YEARLY AVERAGE.					
1921.....	8.70	8.35	8.95	8.65	8.70
1920.....	14.20	13.85	14.50	14.15	13.10
1919.....	17.80	17.70	18.00	17.85	16.00
1918.....	17.40	17.50	17.60	17.45	15.75
1917.....	15.10	15.20	14.90	15.10	14.40
1916.....	9.60	9.65	8.45	9.60	8.35
1915.....	7.20	7.00	7.20	7.10	6.60
1914.....	8.30	8.20	8.35	8.30	7.60
1913.....	8.50	8.20	8.45	8.35	7.35
1912.....	7.60	7.55	7.50	7.55	6.40



*Average prices native cattle at Chicago, monthly average prices for year 1921, and yearly average prices for years 1912 to 1921, both inclusive, as compiled by the Chicago Drovers Journal and published in their Year Book of Figures on page 33.*

	750 to 1,050 pounds.	1,050 to 1,200 pounds.	1,200 to 1,350 pounds.	1,350 to 1,500 pounds.	1,500 to 1,900 pounds.	750 to 1,900 pounds.
<b>MONTHS.</b>						
January.....	\$7.90	\$8.60	\$9.15	\$9.75	\$10.10	\$8.70
February.....	7.50	8.10	8.55	9.05	9.20	8.20
March.....	8.40	9.10	9.40	9.85	10.25	9.05
April.....	7.65	7.95	8.30	8.50	8.70	8.15
May.....	7.75	7.90	8.30	8.50	8.60	8.25
June.....	7.55	7.75	8.05	8.15	8.25	8.00
July.....	7.40	7.65	8.05	8.35	8.45	8.10
August.....	6.90	7.50	8.45	9.20	9.60	8.50
September.....	6.90	7.30	8.10	8.10	8.45	8.00
October.....	6.75	7.35	8.10	8.50	8.85	8.10
November.....	5.90	6.50	7.15	7.60	8.40	7.40
December.....	5.70	6.40	7.00	7.50	7.90	7.00
<b>YEARLY AVERAGES.</b>						
1921.....	7.20	7.65	8.20	8.60	8.90	8.20
1920.....	11.55	12.50	13.85	14.80	15.80	13.30
1919.....	13.40	14.50	15.80	16.90	17.60	15.50
1918.....	13.25	14.40	15.00	15.90	16.50	14.65
1917.....	10.50	11.50	12.30	13.05	13.75	11.60
1916.....	8.45	8.85	9.40	10.25	10.75	9.50
1915.....	7.70	8.05	8.55	8.75	9.25	8.40
1914.....	8.10	8.30	8.70	8.95	9.75	8.65
1913.....	8.00	8.10	8.30	8.65	8.85	8.25
1912.....	7.10	7.35	8.10	8.80	9.60	7.75

*Average prices sheep and lambs according to grades at Chicago, monthly average prices for year 1921, and yearly average prices for years 1912 to 1921, both inclusive, as compiled by the Chicago Drovers Journal and published in their Year Book of Figures on page 70.*

	Native sheep.	Western sheep.	Yearling sheep.	Native lambs.	Western lambs.
<b>MONTHS.</b>					
January.....	\$4.55	\$5.30	\$8.95	\$10.50	\$11.10
February.....	4.25	4.90	6.85	8.30	9.30
March.....	5.55	5.90	7.80	9.05	9.75
April.....	5.90	6.70	7.45	8.90	9.70
May.....	5.85	6.45	8.70	9.45	11.05
June.....	3.75	4.95	8.50	10.10	11.30
July.....	4.30	6.05	7.35	9.80	10.70
August.....	3.85	5.00	7.00	9.40	9.80
September.....	3.75	4.40	5.50	8.45	8.90
October.....	3.90	5.15	6.75	8.35	8.75
November.....	3.50	4.50	7.00	8.90	9.05
December.....	4.40	5.20	9.00	10.60	11.00
<b>YEARLY AVERAGE.</b>					
1921.....	4.50	5.40	7.50	9.20	9.95
1920.....	8.90	9.50	12.10	14.25	14.75
1919.....	8.90	10.50	12.90	15.75	16.25
1918.....	11.75	12.35	13.75	16.25	16.85
1917.....	10.90	11.15	13.00	15.35	15.80
1916.....	7.70	7.95	9.25	10.35	10.90
1915.....	6.10	6.45	7.45	8.85	9.15
1914.....	5.35	5.70	6.55	7.75	8.15
1913.....	5.00	5.30	6.35	7.50	7.85
1912.....	4.40	4.75	5.65	6.90	7.35

*Profits, investments, sales, and slaughter of the five larger packers from 1913 to 1920.*

Year.	Profits.	Capital and surplus.	Profit per dollar of investment.	Sales.	Profit per dollar of sales.	Total slaughter. <sup>1</sup>	Profit per animal slaughtered.
			<i>Cents.</i>		<i>Cents.</i>		
1913.....	\$19,888,616	\$281,784,873	7.1	\$1,152,269,789	1.7	33,718,980	\$0.59
1914.....	22,079,124	292,411,396	7.6	1,261,991,449	1.7	32,219,639	.69
1915.....	30,596,289	305,259,192	10.0	1,323,417,156	2.3	33,470,995	.91
1916.....	52,322,501	323,680,070	16.0	1,642,553,988	3.2	37,725,706	1.39
1917.....	72,279,586	364,372,206	19.8	2,189,438,423	3.3	37,029,947	1.95
1918.....	51,631,341	429,642,800	12.0	3,216,507,971	1.6	42,303,301	1.22
1919.....	33,508,670	546,249,774	6.1	3,500,703,198	.96	44,324,805	.76
1920.....	7,218,086	590,297,028	1.2	3,013,002,000	.24	37,155,958	.19

<sup>1</sup> Slaughter of one company estimated for the year 1913. Figures for 1914, 1915, 1916, and 1917 include total yearly purchase of one company, which undoubtedly approximates the total yearly slaughter.

Source: Hearings before the Committee on Agriculture, House of Representatives, Sixty-sixth Congress, second session, on Meat Packer Legislation, p. 399, submitted by Mr. Thomas E. Wilson.

*Fixed property investment of Armour & Co. (land, buildings, machinery, and equipment), years 1915 to 1921.*

Oct. 30, 1915.....	<sup>1</sup> \$60,900,000	Nov. 1, 1919.....	\$92,700,000
Oct. 28, 1916.....	64,800,000	Oct. 30, 1920.....	104,800,000
Oct. 27, 1917.....	71,100,000	Oct. 29, 1921.....	110,900,000
Nov. 2, 1918.....	80,700,000		

#### COMPETITIVE SHEET.

Albany, N. Y. (population, 106,000):

Armour & Co., Albany, N. Y., branch house.  
 Swift & Co., Albany, N. Y., branch house.  
 Morris & Co., Chicago, branch house.  
 Wilson & Co., Chicago, car route.  
 L. Newhaf, Albany, N. Y., packing house.  
 Bennett Bros., West Albany, N. Y., packing house.  
 Rohe Bros., New York, traveling salesman.  
 Squires & Co., Boston, Mass., traveling salesman.  
 Dold & Co., Buffalo, traveling salesman.  
 Swift & Co., Oneonta, branch house.  
 C. A. Durr, Utica, N. Y., traveling salesman.  
 W. N. Carpenter, Amsterdam, N. Y., traveling salesman.  
 Springfield Provision Co., Brightwood, Mass., traveling salesman.  
 Morrell & Co., New York City, traveling salesman.

Altoona, Pa. (population, 52,127):

Armour & Co., Altoona, Pa., branch house.  
 Morris & Co., Altoona, Pa., branch house.  
 J. Dold, Buffalo, N. Y., car route.  
 C. A. Young, Johnstown, Pa., traveling salesman.  
 Pittsburgh Provision Co., Johnstown, Pa., traveling salesman.  
 G. M. Aurich, Altoona, Pa., local butcher.  
 C. B. Lederer, Altoona, Pa., local butcher.  
 G. P. Beech, Altoona, Pa., local butcher.  
 A. Steuer, Altoona, Pa., local butcher.  
 Seele & Co., Altoona, Pa., local butcher.  
 W. T. Ligentfelter, Altoona, Pa., local butcher.  
 J. Hauser, Altoona, Pa., local butcher.  
 United Home Dressed Meat Co., Altoona, Pa., packing house.

Atlanta, Ga. (population, 250,000):

Armour & Co., Atlanta, Ga., branch house.  
 Swift & Co., Atlanta, Ga., branch house.  
 Morris & Co., Atlanta, Ga., branch house.  
 Cudahy Packing Co., Atlanta, Ga., branch house.

<sup>1</sup> Net value after deducting depreciation. Does not include appraisal appreciation added to investment during year 1921. Does not include South American property.



## Atlanta, Ga.—Continued.

Wilson & Co., Atlanta, Ga., branch house.  
 White Provision Co., Howell Mill Road, packing house.  
 Max Cohen, Atlanta, Ga., abattoir (Schoen Bros.).  
 B. Bettis, Atlanta, Ga., abattoir (Schoen Bros.).  
 W. J. Coffee, Atlanta, Ga., abattoir (Schoen Bros.).  
 Atlanta Refining & Manufacturing Co., Atlanta, Ga., traveling salesman.  
 Moultrie Packing Co., Moultrie, Ga., branch house.  
 Cudahy Bros., Atlanta, Ga., W. E. Anderson & Co.  
 Ferris & Co., New York, N. Y., traveling salesman.  
 S. Sanders Packing Co., New York, N. Y., Oglesby Grocery Co.  
 G. A. Hormell & Co., Atlanta, Ga., branch house.  
 Kingan & Co., Atlanta, Ga., branch house.  
 Independent Packing Co., St. Louis, A. E. Hall.  
 Cincinnati Packing Co., Cincinnati, Mitchell Bros.  
 Cudahy Bros., Atlanta, Ga., Con. Mitchell Bros.  
 Greenwald Packing Co., Atlanta, Ga., Con. Mitchell Bros.  
 Arnold Bros., Atlanta, Ga., consignee.  
 Evansville Packing Co., Atlanta, Ga., branch house.  
 Jacob Dold, Atlanta, Ga., broker.  
 Louisville Packing Co., Atlanta, Ga., broker.  
 Independent Packing Co., Atlanta, Ga., broker.  
 Miller & Hart, Atlanta, Ga., traveling salesman.  
 Roth Packing Co., Atlanta, Ga., Con. Mitchell Bros.  
 Ferris Packing Co., Atlanta, Ga., broker.  
 Iowa Packing Co., Atlanta, Ga., car route.  
 T. J. Simpson, Atlanta, Ga., slaughterer.  
 J. R. Burton, Atlanta, Ga., slaughterer.  
 Power Packing Co., Nashville, broker and salesman.  
 Evansville Packing Co., Atlanta, Ga., branch house.  
 Krey Packing Co., Atlanta, Ga., Con. Mitchell Bros.  
 Armour & Co., Atlanta, Ga., Con. R. W. Davis & Co.  
 Swift & Co., Atlanta, Ga., Con. J. E. Raley.  
 Libby, McNeil & Libby, Atlanta, Ga., Con. J. E. Raley.  
 Procter & Gamble, Atlanta, Ga., Con. Procter & Gamble.  
 Southern Cotton Oil Co., Atlanta, Ga., Con. J. E. Raley.  
 Fairbanks & Co., Atlanta, Ga., Con. Chadwick Bros.  
 Atlantic Lard Co., Atlanta, Ga., Con. W. R. Echols.  
 Houston Packing Co., Houston, Tex., broker.  
 Nolan & Co., broker.  
 Hately Bros, Chicago, Ill., Mitchell Bros.  
 Hodgson Oil Refining Co., Athens, Ga., Mitchell Bros.  
 Chipley Packing Co., Chipley Fla., W. E. Anderson & Co.  
 John Morrell, car route.  
 Independent Packing Co., St. Louis, car route.  
 Cincinnati Abattoir Co., branch house.  
 East Side Packing Co., St. Louis, Cons. W. A. Perkins.  
 Vissman Packing Co., Louisville, car route.  
 Krey Packing, Con. Mitchell Bros.  
 Birmingham Packing Co., Birmingham, Ala., W. E. Anderson & Co.

## Auburn, N. Y. (population, 34,668):

Armour & Co., Auburn, N. Y., branch house.  
 Morris & Co., Auburn, N. Y., branch house.  
 S. S. Meyer, Auburn, N. Y., butcher.  
 Cooper & Sons, Auburn, N. Y., butcher.  
 Wilson Packing Co., Chicago, Ill., packing house.  
 J. Dold Packing Co., Buffalo, packing house.  
 Allied Packers, Buffalo, packing house.  
 Kingan & Co., Syracuse, N. Y., branch house.  
 Morrell & Co., Syracuse, N. Y., branch house.  
 Geo. Waldron, Auburn, N. Y., butchers.  
 L. Wilson, Auburn, N. Y., butchers.  
 Samuel Smith, Weedsport, N. Y., butchers.  
 Jay Weeks, Auburn, N. Y., butchers.  
 G. L. Doan, Auburn, N. Y., butchers.  
 R. Manchester, Scipio, N. Y., butchers.

## Auburn, N. Y.—Continued.

J. Farnham, Elbridge, N. Y., butchers.  
 Swift & Co., Ithaca, N. Y., traveling salesman  
 Swift & Co., Syracuse, phone.  
 Wilson Packing Co., Syracuse, phone.  
 Elu Cohen, Auburn, N. Y., butcher.  
 Morris & Co., Syracuse, phone.  
 J. Dold Packing Co., Syracuse, phone.

## Augusta, Ga. (population, 52,548):

Armour & Co., Augusta, Ga., branch house.  
 Swift & Co., Augusta, Ga., branch house.  
 Wilson & Co., Augusta, Ga., branch house.  
 Morris & Co., Augusta, Ga., branch house.  
 Cudahy Packing Co., Augusta, Ga., car route.  
 Independent Packing Co., Augusta, Ga., broker.  
 Evansville Packing Co., Augusta, Ga., broker.  
 J. P. Squire, Augusta, Ga., broker.  
 Kingan & Co., Richmond, Va., traveling salesman.  
 Miller & Hart, Chicago, Ill., traveling salesman.  
 Moultrie, Ga., Moultrie, Ga., traveling salesman.  
 Roberts & Oake, Chicago, Ill., car route.  
 Hatley Bros. Co., Chicago, Ill., broker.  
 Oscar Meyer, Chicago, Ill., traveling salesman.  
 Dold Packing Co., New York and Kansas, broker.  
 John C. Roth, Cincinnati, Ohio, broker.  
 Augusta Packing Co., Augusta, Ga., plant.  
 Cudahy Bros., Milwaukee, Wis., broker.  
 Cincinnati Abattoir Co., Cincinnati, Ohio, traveling salesman.

## Austin, Tex. (population, 34,184):

Armour & Co., Austin, Tex., branch house.  
 Swift & Co., Austin, Tex., branch house.  
 Wilson & Co., Austin, Tex., car route.  
 Morris & Co., Austin, Tex., subbranch.

## Baltimore, Md. (population, 733,826):

Armour & Co., Baltimore, 2 branch houses.  
 Swift & Co., Baltimore, Md., 2 branch houses.  
 Swift & Co., Baltimore, packing house.  
 Morris & Co., Baltimore, branch house.  
 Wilson & Co., Baltimore, branch house.  
 Kingan & Co., Baltimore, branch house.  
 Kingan & Co., Baltimore, packing house.  
 Wilson Martin Co., Baltimore, branch house.  
 Wilson Martin Co., Baltimore, packing house.  
 Greenwald Packing Co., Baltimore, packing house.  
 Hass & Fox, Baltimore, packing house.  
 Schludeberg & Kurdle, Baltimore, packing house.  
 C. Hohman & Son, Baltimore, packing house.  
 Bloecher & Schaaf, Baltimore, packing house.  
 J. H. Gebelein, Baltimore, packing house.  
 Corkran Hill Co., Baltimore, packing house.  
 C. G. Kriel, Baltimore, packing house.  
 Jones & Lamb, Baltimore, packing house.  
 Consolidated Beef Co., Baltimore, jobber.  
 L. Sellmayer, Baltimore, packing house.  
 W. B. Cassell, Baltimore, broker.  
 John Frederick, Baltimore, packing house.  
 A. Hansen, Baltimore, packing house.  
 W. H. Manger, Baltimore, packing house.  
 Yeager Bros., Baltimore, packing house.  
 Edward Heintz, Baltimore, packing house.  
 H. G. Schuppner, Baltimore, packing house.  
 A. Roeder, Baltimore, packing house.  
 C. Thompson, Baltimore, packing house.  
 Chas. Schmidt, Baltimore, packing house.  
 Hohman & Hohman, Baltimore, packing house.  
 Jacob C. Schaefer, Baltimore, packing house.  
 Kaufman Beef Co., Baltimore, packing house.



## Beaumont, Tex. (population, 30,000):

Armour & Co., Beaumont, Tex., branch house.  
 Swift & Co., Beaumont, Tex., branch house.  
 Houston Packing Co., Beaumont, Tex., branch house.  
 Wilson & Co., Beaumont, Tex., branch house.  
 Morris & Co., Beaumont, Tex., branch house.  
 City Abattoir, Beaumont, Tex., branch house.  
 Armstrong Packing Co., Beaumont, Tex., traveling salesman.  
 F. J. Zummo, Beaumont, Tex., wholesale dealer.

## Binghamton, N. Y. (population, 66,800):

Armour & Co., Binghamton, N. Y., branch house.  
 Nelson Morris Co., Binghamton, N. Y., branch house.  
 Wilson & Co., Binghamton, N. Y., branch house.  
 Jacob Dold & Co., Buffalo, N. Y., packing house.  
 Swift & Co., Elmira, N. Y., branch house.  
 Chris. Klinch, Buffalo, N. Y., packing house.  
 Pratt & Harris, Binghamton, N. Y., broker.  
 Bilkovitz, Max, Binghamton, N. Y., slaughterer.  
 Cook, Binghamton, N. Y., slaughterer.  
 John Dunham, Binghamton, N. Y., slaughterer.  
 Peter Gillinsky, Binghamton, N. Y., slaughterer.  
 S. Kunkle, Binghamton, N. Y., slaughterer.  
 Arlaskey & Smilowitz, Binghamton, N. Y., slaughterers.  
 John Morrell, Indianapolis, Ind., packing house.  
 Corbin & Weismer, Binghamton, N. Y., brokers.  
 Binghamton Cold Storage Co., Binghamton, N. Y., brokers.  
 C. K. Dewitt, Binghamton, N. Y., brokers.  
 Darling & Co., Binghamton, N. Y., brokers.  
 J. R. Mungle, Johnson City, slaughterer.  
 John Patterson, Newark Valley, slaughterer.  
 Dave Studder, Colesville, N. Y., slaughterer.  
 Ed. Stanley, Friendsville, Pa., slaughterer.  
 Wherb Jacob, Greene, N. Y., slaughterer.

## Birmingham, Ala. (population, 178,270):

Armour & Co., Birmingham, Ala., branch house.  
 Swift & Co., Birmingham, Ala., branch house.  
 Cudahy Packing Co., Birmingham, Ala., branch house.  
 Morris & Co., Birmingham, Ala., branch house.  
 Wilson & Co., Birmingham, Ala., branch house.  
 Evansville Packing Co., Birmingham, Ala., branch house.  
 N. K. Fairbanks, Birmingham, Ala., broker.  
 Kingan & Co., Birmingham, Ala., broker.  
 Procter & Gamble, Birmingham, Ala., broker.  
 Roth Packing Co., Birmingham, Ala., broker.  
 John Morrell, Birmingham, Ala., broker.  
 Miller & Hart, Birmingham, Ala., broker.  
 Cox & Gordon, Birmingham, Ala., broker.  
 Roberts & Oake, Birmingham, Ala., broker.  
 John Hoffman, Birmingham, Ala., broker.  
 Independent Packing Co., St. Louis, Mo., broker.  
 Cincinnati Abattoir Co., St. Louis, Mo., broker.  
 Independent Packing Co., Chicago, Ill., broker.  
 Krey Packing Co., Birmingham, Ala., broker.  
 Libby McNeill, Birmingham, Ala., broker.  
 T. M. Sinclair, Birmingham, Ala., broker.  
 Birmingham Packing Co., Birmingham, Ala., packing house.  
 Iowa Packing Co., Birmingham, Ala., broker.  
 Geo. A. Hormel Co., Birmingham, Ala., branch house.  
 Corn Belt Packing Co., Birmingham, Ala., broker.  
 Hodgson Oil Refining Co., Birmingham, Ala., broker.  
 Decker & Sons, Birmingham, Ala., broker.  
 Neuhoft Packing Co., Birmingham, Ala., broker.  
 E. Kahn, Birmingham, Ala., broker.  
 Rath Packing Co., Birmingham, Ala., broker.  
 Sanders Packing Co., Birmingham, Ala., broker.

## Bluefield, W. Va. (population, 10,000):

Armour & Co., Bluefield, W. Va., branch house.  
 Swift & Co., Elkhorn, W. Va., branch house.

## Bluefield, W. Va.—Continued.

Wilson & Co., Northfork, W. Va., branch house.  
Morris & Co., Bluefield, W. Va., branch house.  
Roberts & Oake, Chicago, traveling salesman.  
Kingan & Co., Indianapolis, Ind., traveling salesman.  
Miller & Hart, Chicago, Ill., traveling salesman.

## Boston, Mass. (population, 756,476):

Alpert Bros. & White, Boston, wholesale beef.  
American Beef Co., Boston, wholesale beef.  
Batchelder & Snyder Co., Boston, wholesale beef.  
Benson Bros., Boston, wholesale beef.  
Berry Wales Co., Boston, wholesale beef.  
Boyle & Bradley, Boston, wholesale beef.  
Capital Beef Co., Boston, wholesale beef.  
Childs, Sleeper & Co., Boston, wholesale beef.  
W. T. Clark, Boston, wholesale beef.  
Clark & Merrill Co., Boston, wholesale beef.  
Clinton Beef Co., Boston, wholesale beef.  
Coker & Co. (Inc.), Boston, wholesale beef.  
Commercial Beef Co., Boston, wholesale beef.  
H. W. Doane Co., Boston, wholesale beef.  
Dorchester Beef Co., Boston, wholesale beef.  
Faneuil Beef Co., Boston, wholesale beef.  
Federal Beef Co., Boston, wholesale beef.  
M. Goldberg, Boston, wholesale beef.  
Goodenough & Russell, Boston, wholesale beef.  
A. Gunsenhizer & Co., Boston, wholesale beef.  
Hanover Beef Co., Boston, wholesale beef.  
N. E. Hallis Co., Boston, wholesale beef.  
Independent Beef Co., Boston, wholesale beef.  
H. M. Jones & Co., Boston, wholesale beef.  
Kadish Beef Co., Boston, wholesale beef.  
Karahalls Bros. Co., Boston, wholesale beef.  
Karp Beef Co., Boston, wholesale beef.  
John J. Kelly & Co., Boston, wholesale beef.  
Thos. J. Kelly & Co., Boston, wholesale beef.  
Knight & Co. (Inc.), Boston, wholesale beef.  
Lewis & Fox, Boston, wholesale beef.  
Lewis Lipske, jr., Boston, wholesale beef.  
O. S. Lynde Beef Co. (Inc.), Boston, wholesale beef.  
Manhattan Beef Co., Boston, wholesale beef.  
Margalis Beef Co., Boston, wholesale beef.  
Market Beef Co., Boston, wholesale beef.  
W. M. McDoland Co., Boston, wholesale beef.  
A. F. Mentzer Co., Boston, wholesale beef.  
Miles & Treat, Boston, wholesale beef.  
M. Mindick Co., Boston, wholesale beef.  
Mahigen Beef Co., Boston, wholesale beef.  
Nelson Beef Co., Boston, wholesale beef.  
New England Dressed Meat & Wool Co., Boston, wholesale beef.  
Quolette Beef Co., Boston, wholesale beef.  
Shnider Beef Co., Boston, wholesale beef.  
Peter J. Silsbee, Boston, wholesale beef.  
John W. Smart & Co., Boston, wholesale beef.  
R. R. Smith & Son, Boston, wholesale beef.  
Standard Beef Co., Boston, wholesale beef.  
Star Beef Co., Boston, wholesale beef.  
Strong Marson & Co., Boston, wholesale beef.  
Sturtevant & Haley Beef & Supply Co., Boston, wholesale beef.  
Arthur Treat & Co., Boston, wholesale beef.  
United Beef Co., Boston, wholesale beef.  
Weston & Thurston, Boston, wholesale beef.  
T. H. Wheeler Co., Boston, wholesale beef.  
C. F. Whitaker, Boston, wholesale beef.  
J. & D. M. White, Boston, wholesale beef.  
S. F. Woodbridge Meat Co., Boston, wholesale beef.  
Wilbur E. Barnes, Boston, wholesale beef and provisions.



## Boston, Mass.—Continued.

Nathan Cohen, Boston, wholesale beef and provisions.  
 Diamond Beef Co., Boston, wholesale beef and provisions.  
 Wm. A. Doe Co., Boston, wholesale beef and provisions.  
 Geo. A. Dosas Co. (Inc.), Boston, wholesale beef and provisions.  
 A. J. Dustin, Boston, wholesale beef and provisions.  
 David I. Laskove Co., Boston, wholesale beef and provisions.  
 Libby & Libby Co., Boston, wholesale beef and provisions.  
 J. N. McDonald Co., Boston, wholesale beef and provisions.  
 McKenzie & Waters, Boston, wholesale beef and provisions.  
 Munroe-Sexton Co., Boston, wholesale beef and provisions.  
 David L. Robbins Co. (Inc.), Boston, wholesale beef and provisions.  
 Saul Robinson, Boston, wholesale beef and provisions.  
 S. & T. Beef Co., Boston, wholesale beef and provisions.  
 Somerville & Co. (Inc.), Boston, wholesale beef and provisions.  
 United Beef Co., Boston, wholesale beef and provisions.  
 F. M. Wattendorf & Co., Boston, wholesale beef and provisions.  
 Armour & Co., 109 Berkeley Street, branch house.  
 Armour & Co., 109 Clinton Street, branch house.  
 Armour & Co., 44 Merchants Row, branch house.  
 Armour & Co., 40 Terminal, branch house.  
 Armour & Co., 245 State, branch house.  
 Cudahy Packing Co., 37 Merchants Row, branch house.  
 Cudahy Packing Co., 112 South Market, branch house.  
 Cudahy Packing Co., 1 Blackstone, branch house.  
 Cudahy Packing Co., 78 North Street, branch house.  
 Cudahy Packing Co., 61 Commercial Wharf, branch house.  
 Cudahy Packing Co., 78 Midway, branch house.  
 Morris & Co., 51 Cornhill, branch house.  
 Morris & Co., 105 North, branch house.  
 Morris & Co. (Inc.), 10 High, branch house.  
 Swift & Co. (E. C. & Co.), 98 South Market, branch house.  
 Swift & Co. (G. F. & Co.), 91 Clinton, branch house.  
 Swift & Co., 60 North Market Street, branch house.  
 Swift & Co., 16 Demmack, branch house.  
 Swift & Co., 188 Gare, branch house.  
 Swift & Co., Waltham branch, 90 Fulton.  
 Wilson & Co., 19 Commercial, branch house.  
 Wilson & Co., 5 North Market, branch house.  
 Wilson & Co., 116 South Market, branch house.  
 Chamberlain & Co. (Inc.), branch house.  
 Allied Packers, branch house.  
 Jacob Dold Packing Co., branch house.  
 John Morrell & Co., branch house.

## Brooklyn, N. Y. (population, 2,022,262):

Armour & Co., Brooklyn, N. Y., four branch houses.  
 Swift & Co., Brooklyn, N. Y., six branch houses.  
 Morris & Co., Brooklyn, N. Y., five branch houses.  
 Wilson & Co., Brooklyn, N. Y., three branch houses.  
 Cudahy Packing Co., Brooklyn, N. Y., branch house.  
 J. Dold, Brooklyn, N. Y., branch house.  
 M. Apple, Brooklyn, N. Y., branch house.  
 J. Dahlman, Brooklyn, N. Y., branch house.  
 D. Issacs, Brooklyn, N. Y., jobber.  
 A. Levy, Brooklyn, N. Y., jobber.  
 Brooklyn Beef & Provision Co., Brooklyn, N. Y., jobber.  
 Taunthif & Borak, Brooklyn, N. Y., jobber.  
 Morris & Weishart, Brooklyn, N. Y., jobber.  
 C. Weill (plates), Brooklyn, N. Y., jobber.  
 Lehman Bros., Brooklyn, N. Y., jobber.  
 I. Fox & Son, Brooklyn, N. Y., jobber.  
 Cudahy Co., Brooklyn, N. Y., jobber.  
 Lehman Bros., Brooklyn, N. Y., jobber.  
 Fass & Fass, Brooklyn, N. Y., jobber.  
 Lehman Bros., Brooklyn, N. Y., jobber.

## Buffalo, N. Y. (population, 500,000):

Swift & Co., Buffalo, N. Y., branch house.  
 Wilson & Co., Buffalo, N. Y., branch house.

## Buffalo, N. Y.—Continued.

Cleveland Provision Co., Buffalo, N. Y., traveling salesman.  
 Pfealzer & Son, Buffalo, N. Y., traveling salesman.  
 Cincinnati Abattoir Co., Buffalo, N. Y., broker.  
 Harris Abattoir Co., Toronto, Canada, broker.  
 Danahy Packing Co., Buffalo, N. Y., packing house.  
 J. Dold Packing Co., Buffalo, N. Y., packing house.  
 C. Klinck Packing Co., Buffalo, N. Y., packing house.  
 Klinck Bros., Buffalo, N. Y., packing house.  
 Empire Provision Co., Buffalo, N. Y., packing house.  
 Edward Smith Packing Co., Buffalo, N. Y., packing house.  
 A. Herlein, Buffalo, N. Y., packing house.  
 L. Fuhrmann, Buffalo, N. Y., packing house.  
 P. Holl, Buffalo, N. Y., packing house.  
 Frank Kwarathawski, Buffalo, N. Y., wholesale market.  
 Seeger & Co., Buffalo, N. Y., wholesale market.  
 L. Gable, Buffalo, N. Y., wholesale market.  
 Rausch & Kreen, Buffalo, N. Y., wholesale market.  
 Chas. Simon, Buffalo, N. Y., wholesale beef and casings.  
 Corn Belt Packing Co., Dubuque, Iowa, car route.  
 J. Dold Packing Co., Omaha, branch house.

## Charleston, S. C. (population, 55,000):

Swift & Co., Charleston, S. C., branch house.  
 Morris & Co., Charleston, S. C., branch house.  
 Armour & Co., Charleston, S. C., branch house.  
 Charleston Abattoir Co., Charleston, S. C., slaughterers.  
 Jos. Czirososky, Charleston, S. C., sausage manufacturing.  
 Nelson & Manzenmaier, Charleston, S. C., butcher.  
 E. Chamberlain, Charleston, S. C., slaughterers.  
 Walker & Baldwin, Charleston, S. C., Big Four products.  
 J. C. W. Bischoff, Charleston, S. C., Big Four products.  
 J. H. Peterman, Charleston, S. C., wholesale grocers.  
 Martin & Wilson, Baltimore, traveling salesman.  
 Oscar Mayer, Chicago, Ill., traveling salesman.  
 Arnold Bros., Chicago, Ill., traveling salesman.  
 Roberts & Oake, Chicago, Ill., traveling salesman.  
 Union Market, Charleston, S. C., butcher.  
 Avenue Market, Charleston, S. C., butcher.  
 Harris Market, Charleston, S. C., butcher.

## Charleston, W. Va. (population, 31,060):

Swift & Co., Charleston, W. Va., branch house.  
 Wilson & Co., Charleston, W. Va., branch house.  
 Morris & Co., Charleston, W. Va., branch house.  
 Cudahy, Charleston, W. Va., jobbers' stock.  
 Cincinnati Abattoir, Cincinnati, Ohio, car route.  
 Fisher & Frueth, Kanawha, W. Va., car route.  
 Farmers' Market, Charleston, slaughterhouse.  
 Cobin Creek Land Co., Decota, W. Va., slaughterhouse.  
 Roberts & Oake, Chicago, Ill., traveling salesman.  
 Allied Packers, Wheeling, W. Va., car route.

## Chattanooga, Tenn. (population, 57,800):

Armour & Co., Chattanooga, branch house.  
 Swift & Co., 1001 Chestnut Street, branch house.  
 J. H. Allison & Co., Twelfth and Fort Streets, brokers and sausage manufacturing.  
 Cudahy Packing Co., 208 Fort Street, branch house.  
 Morris & Co., 1015 Chestnut Street, branch house.  
 Cincinnati Abattoir Co., Hooke Street, branch house.  
 Wilson & Co., Twelfth and Fort Streets, branch house.  
 Kingan & Co., Indianapolis, traveling salesman.  
 J. C. Roth Packing Co., Cincinnati, broker.  
 Chattanooga Packing Co., Chattanooga, slaughterhouse.  
 Meesher & Co., Cincinnati, broker.  
 Miller & Hart, Chicago, traveling salesman.  
 Krey Packing Co., St. Louis, car route.  
 Neuhooff Packing Co., Nashville, Tenn., car route.



## Chicago, Ill.:

## Packers—

Agar, Jno., Co.  
 Agar Packing Co. (Inc.).  
 Agar Provision Co.  
 Allied Packers.  
 Anglo-American Provision Co.  
 Armour & Co.  
 Arnold Bros. (Inc.).  
 Atlantic Lard Co.  
 Atlantic Packing Co.  
 Beech-Nut Packing Co.  
 Beirsdorf, Jas. R., & Sons.  
 Bert Packing Co.  
 Biren & Gabel.  
 Boyd Lunham & Co.  
 Brennan Packing Co.  
 Burnette, C. A., Co.  
 Chicago Butchers Packing Co.  
 Chicago Packing Co.  
 Cudahy Packing Co.  
 Dahmke Boneless Beef Co.  
 Davies, Wm. Co., (Inc.).  
 Decker, Jacob E., & Sons.  
 Drexel Packing Co.  
 Elliott & Hartman.  
 Foell Supply Co.  
 Fuhrman & Forster Co.  
 Gabel Packing Co.  
 Guggenheim Bros.  
 Hammond Co.  
 Hammond, G. H., Co., The  
 Hatley Bros. Co.  
 Hetzel & Co.  
 Illinois Packing Co.  
 Independent Packing Co.  
 Independent Packing Co., The  
 Jefferson Packing Co. (not incor-  
 porated.).  
 Jourdon Packing Co.  
 Kleppel Packing Co.  
 Kohrs Packing Co.  
 Lakeside Packing Co.  
 Levi, David, & Co. (Inc.).  
 Libby, McNeill & Libby.  
 Leoffler, Frank F.  
 Maier & Co.  
 Manaster, Harry, & Bro.  
 Marquette Packing Co.  
 Mayer, Oscar, & Co.  
 Mid-City Packing Co. (Inc.).  
 Miller & Hart (Inc.).  
 Morrell, Jno., & Co.  
 Morris & Co.  
 Morton-Gregson & Co.  
 Municipal Packing & Provision Co.  
 North Western Packing Co.  
 Novotnev, Jos. Ed., & Co.  
 Omaha Packing Co.  
 Permesang, Jno., & Co.  
 Pfaelzer Bros.  
 Pfaelzer, Louis, & Son.  
 Pond, E. K., Packing Co.  
 Purity Packing Co.  
 Rath Packing Co.  
 Roberts & Oake.  
 Rohn, Theo.

## Chicago, Ill.—Continued.

## Packers—Continued.

Ruprecht & Co.  
 Schleh, Gus, & Co. (Inc.).  
 Seiter, Henry.  
 Siegel, Sidney.  
 Sinclair, T. M., & Co. (Ltd.).  
 Smith, Wm. D., Co.  
 South West Packing Co.  
 Standard Packing Co.  
 Sterling Packing Co.  
 Swift & Co.  
 Tittle Bros. Packing Co.  
 Union United States Packing &  
 Provision Co.  
 United States Packing Co.  
 Vette & Zunker.  
 Wareing, W. G., Co.  
 Weeks, Fred. L.  
 Western Packing Co.  
 Wilson & Co.  
 Wimp Packing Co.  
 Zeiger, G. W., & Co.  
 Zuegel-Rieger Co.  
 Provision dealers—  
 Brunner Provision Co.  
 Calumet Provision Co.  
 Circle E Provision Co.  
 Dennis, Thos.  
 Fulton Provision Co.  
 Gregson, W. L.  
 Haughey, Jas. J.  
 Helleno-American Provision Co.  
 Home Provision Co.  
 Illinois Smoked Meat Co.  
 Jacoby, C. H., & Co.  
 Jones, E. B.  
 Knight, Chas. S.  
 Krueger, Jno. L.  
 Lake Provision Co.  
 Merchants' Provision Co.  
 Midwest Provision Co.  
 Murphy, Chas. A.  
 Neely, B. L.  
 North American Provision Co.  
 Reynolds, Geo. W.  
 Sangamon Fulton Provision Co.  
 Sarther, Ernest J.  
 Standard Provision Co.  
 Taylow, Jack L.  
 Tredwell, Jno., & Co.  
 Tupman Thurlow Co.  
 United Provision Co.  
 Weber, Otto.  
 Wholesale meat markets—  
 American Packing Co.—  
 921 Fulton Street.  
 415 South Halsted Street.  
 Armour & Co.—  
 12 Fulton Market.  
 300 West Lake Street.  
 307 South Water Street.  
 744 Bowen Avenue.  
 1218 North Halsted Street.  
 11567 South Michigan Avenue.  
 9213 Baltimore Avenue.  
 221 North Green Street.

## Chicago, Ill.—Continued.

Wholesale meat markets—Contd.

Armour &amp; Co.—Continued.

6341 Wentworth Avenue.

1303 George Street.

2617 West Madison Street.

Arnold Bros. (Inc.).

Atlantic Provision Co.

Atlas Beef Co.

Bauer &amp; Sweeney.

Biron, Leo J.

Blum, I.

Britten, Peter, Sons.

C. &amp; S. Meat Co.

Central Boiled Ham Co.

Central Provision Co.

Chicago Beef &amp; Provision Co. (Inc.)—

822 Exchange Avenue.

2535 West North Avenue.

11046 South Michigan Avenue.

Chicago Butchers Packing Co.—

216 North Peoria.

1648 West Twenty-second Street.

Chicago Packing Co.

Chicago Packing House.

City Abattoir Co. (Inc.).

City Market.

Cudney &amp; Co.

Dold Packing Co.

Dreyfuss, Louis.

Drover Packing Co.

Empire Packing Co.

Federal Provision Co.

Foster, C. W., Co.

Frank's.

Froehling &amp; Heppe.

Fulton Beef Co.

Fulton Packing Co.

Fulton Street Wholesale Market Co.

Gimbel &amp; Co.

Glenn &amp; Anderson.

Greenberg, Wm. O.

Guggenheim Bros.—

923 West South Water Street.

850 Fulton Street.

916 Fulton Street Market.

833 Fulton.

850 Fulton.

Hess, S.

Hess &amp; Co.

Hetzel &amp; Co.

Hormel, Geo. A., &amp; Co.—

53 West Jackson Boulevard.

Wayman and North Peoria  
Streets.

Horwitz, D., &amp; Co.

Illinois Meat Co.

Illinois Smoked Meat Co.

Independent Beef &amp; Provision Co.

Irwin Bros.

Jacobs, Sydney R.

Jaeger, Jacob.

Johnson &amp; Keck.

Kohn, Emil.

Levi, David, &amp; Co. (Inc.).

Libby, McNeill &amp; Libby.

Lincoln Beef Co.

## Chicago, Ill.—Continued.

Wholesale meat markets—Contd.

Lincoln Packing Co., Loeffler, Frank  
F.

Lowenstein, S., &amp; Son.

Lunde, D.—

2664 Broadway.

5220 Broadway.

4610 Clarendon Avenue.

2028 West Madison Street.

118 West Ohio Street.

Magner, Winslow &amp; Co.

Mannebach, Michael.

Maver, Oscar, &amp; Co.

Mid City Packing Co. (Inc.)—

West Fortieth and Packers  
Avenue.

900 Fulton Market.

Mid West Packing Co.

Miller, Morris.

Morris &amp; Co.—

4126 South Halsted Street.

1234 North Halsted Street.

2602 West Madison Street.

305 West South Water Street.

1536 South State Street.

23 Fulton Market.

3121 East Ninety-second Street.

Union Stock Yards.

Mutual Sausage Co.

New City Packing Co.

Pappus, Gust.

Pfaelzer, Louis J.

Pfaelzer, Louis, &amp; Sons.

Pohlmann, A., &amp; Co.

Pillack Bros.

Prime Provision Co.

Quinlan C.

Racine Packing Co.

Rieger, Wm. A.

Roman, Jas.

Rose Packing Co.

Rothchild, N., &amp; Co.

Ruprecht &amp; Co.

Russell Provision Co.

S. &amp; S. Meat Co.

Sarklunas, J. K.

Schaack, C. P.

Schoor, Theo.

Schwab, Herman.

Starczewski, Thos. A.

Stock Yards Packing Co.—

177 North Wells Street.

15 Fulton Market.

2618 West Madison Street.

14 Fulton Market.

9139 Baltimore Avenue.

1560 South State Street.

Swift &amp; Co.—

821 Fulton Street.

1254 George Street.

1226 North Halsted Street.

4134 South Halsted Street.

317 West South Water Street.

5407 Wentworth Avenue.

Turner &amp; Hasper.

Union Beef Co.



## Chicago, Ill.—Continued.

Wholesale meat markets—Contd.

United Butchers Packing Co.

U. S. Packing Co.

Watkins, Wm. G.

Weed, Herbert F.

Werveke &amp; Baer.

Western Packing &amp; Provision Co.

Wilson &amp; Co.—

1257 Oakdale Avenue.

19 Fulton Market.

9227 Baltimore Avenue.

223 North Green Street.

306 West South Water Street.

Wolff Bros. Markets.

## Chicago, Ill.—Continued.

Wholesale meat markets—Contd.

Zambreno Bros. &amp; Co.—

137 North Cicero Avenue.

3158 West Congress Street.

918 Fulton Street.

4256 West Harrison Street.

1637 West Madison Street.

2958 West Madison.

4147 West Madison.

1101 West Van Buren Street.

237 West Van Buren Street.

Zeiger, G. W., &amp; Co.

Ziegler Provision Co.

## Cleveland, Ohio (population, 1,250,000):

Cleveland Provision Co., Cleveland, Ohio, packing house.

Swift &amp; Co., Cleveland, Ohio, branch house.

Morris &amp; Co., Cleveland, Ohio, branch house.

Wilson &amp; Co., Cleveland, Ohio, branch house.

Lake Erie Provision Co., Cleveland, Ohio, packing house.

Hughes Provision Co., Cleveland, Ohio, packing house.

Koblentz Bros., Cleveland, Ohio, packing house.

Hartmah Bros., Cleveland, Ohio, packing house.

Federal Packing Co., Cleveland, Ohio, packing house.

Phil. Null &amp; Co., Cleveland, Ohio, packing house.

Blumenstock &amp; Reid, Cleveland, Ohio, packing house.

N. Davis &amp; Son, Cleveland, Ohio, packing house.

Teufel Bros., Cleveland, Ohio, packing house.

Webb &amp; Son, Cleveland, Ohio, packing house.

Pinkett Commission Co., Cleveland, Ohio, brokers.

G. Castle, Cleveland, Ohio, broker.

Fromson &amp; Davis, Cleveland, Ohio, brokers.

Long Dressed Beef, Cleveland, Ohio, packing house.

Ohio Provision Co., Cleveland, Ohio, packing house.

Rath Packing Co., Cleveland, Ohio, packing house.

Morrell Packing Co., Cleveland, Ohio, packing house.

## Columbia, S. C. (population, 37,500):

Armour &amp; Co., Columbia, S. C., branch house.

Swift &amp; Co., Columbia, S. C., branch house.

Wilson &amp; Co., Columbia, S. C., branch house.

Kingan &amp; Co., Richmond, Va., C. R. salesman.

Morris &amp; Co., Columbia, S. C., branch house.

Forbes &amp; Co., Richmond, Va., broker.

J. Dold Packing Co., Richmond, Va., broker.

Roberts &amp; Oakes, Chicago, traveling salesman.

Cudahy Bros., Milwaukee, Cons. Campbell Butter Co.

Hately Bros., Chicago, broker.

Fair Grounds Stock Yards Co., Columbia, S. C., yards.

## Columbus, Ga. (population, 20,554):

Armour &amp; Co., Columbus, Ga., branch house.

Swift &amp; Co., Columbus, Ga., branch house.

Wilson &amp; Co., Columbus, Ga., branch house.

Morris &amp; Co., Columbus, Ga., branch house.

Georgia Packing Co., Columbus, Ga., packing house.

Key &amp; Townsend, Columbus, Ga., jobbers.

S. Cotton Oil Co., Savannah, broker.

Cudahy Packing Co., Macon, Ga., salesman.

Kingan Provision Co., Atlanta, traveling salesman.

J. C. Roth, Cincinnati, traveling salesman.

Miller &amp; Hart, Chicago, Ill., traveling salesman.

N. K. Fairbanks, Chicago, Ill., broker.

Cincinnati Abattoir Co., Cincinnati, traveling salesman.

Procter &amp; Gamble, Cincinnati, jobbers.

Phoenix Co., Memphis, Tenn., jobbers.

White Provision Co., Atlanta, Ga., traveling salesman.

## Columbus, Ohio (population, 237,000):

Armour &amp; Co., Columbus, branch house.

Morris &amp; Co., Columbus, branch house.

## Columbus, Ohio—Continued.

Kingan & Co., Columbus, branch house.  
 Wilson & Co., Columbus, branch house.  
 Columbus Packing Co., Columbus, branch house.  
 Blumer Sartain, Columbus, branch house.  
 Swift & Co., Chicago, car route.  
 Hammond & Co., Chicago, car route.  
 Ind. Packing Co., Chicago, car route.  
 J. Vogel & Son, Cincinnati, traveling salesman.  
 Wm. Fockes & Sons, Dayton, Ohio, traveling salesman.  
 David Davis, Columbus, Ohio, packing house.  
 Roth Packing Co., Cincinnati, traveling salesman.  
 Abattoir Co., Cincinnati, traveling salesman.  
 Hammond Standish, Detroit, traveling salesman.  
 Kosher Packing Co., Columbus, Ohio, packing house.  
 Vigor & Furnis, Columbus, Ohio, packing house.  
 Mat Frank, Columbus, Ohio, packing house.  
 Fred Bort, Columbus, Ohio, local slaughterers.  
 Lew Hunt, Columbus, Ohio, local slaughterers.  
 A. Qestrieher & Evans, Columbus, Ohio, local slaughterers.  
 Morse, Reynoldsburg.

## Corsicana, Tex. (population, 10,000):

Armour & Co., Corsicana, Tex., branch house.  
 Morris & Co., Corsicana, Tex., branch house.  
 Swift & Co., North Fort Worth, car route.  
 Wilson & Co., Dallas, Tex., traveling salesman.  
 Armstrong Packing Co., Dallas, Tex., jobbers.  
 Geo. A. Hornel & Co., Dallas, Tex., traveling salesman.  
 Jacoby Decker & Sons, Dallas, Tex., traveling salesman.  
 Houston Packing Co., Houston, Tex., traveling salesman.  
 Waldeck Packing Co., St. Louis, Mo., ship from Dallas.

## Danville, Ill. (population, 34,000):

Armour & Co., Danville, Ill., branch house.  
 Morris & Co., Danville, Ill., branch house.  
 Wilson & Co., Chicago, Ill., car route.  
 Swift & Co., Chicago, Ill., car route.  
 G. H. Hammond Packing Co., Chicago, Ill., car route.  
 Kingan & Co., Indianapolis, Ind., car route.  
 Dryfus Packing Co., La Fayette, Ind., traveling salesman.  
 Miller & Hart, Chicago, Ill., traveling salesman.  
 Steidel Bros., Paris, Ill., traveling salesman.  
 J. W. Chappell, Danville, Ill., wholesale market.  
 W. C. Roth, Logansport, Ind., traveling salesman.  
 Wilson Provision Co., Peoria, Ill., traveling salesman.  
 Goedel & Son, Peoria, Ill., traveling salesman.  
 Agar Packing Co., Chicago, Ill., traveling salesman.  
 Jordan Packing Co., Chicago, Ill., traveling salesman.  
 Arnold Bros., Chicago, Ill., traveling salesman.  
 Independent Packing Co., Chicago, Ill., traveling salesman.  
 Home Packing Co., Terre Haute, Ind., traveling salesman.  
 Oscar Meyer, Chicago, Ill., car route.

## Decatur, Ill. (population, 43,000):

Armour & Co., Decatur, Ill., branch house.  
 Swift & Co., National Stock Yards, car route.  
 Cudahy Packing Co., Omaha South, car route.  
 Kingan & Co., Indianapolis, Ind., car route.  
 Peoria Packing Co., Peoria, Ill., traveling salesman.  
 Agar Packing Co., Chicago, Ill., traveling salesman.  
 Waldeck Packing Co., traveling salesman.  
 St. Louis Independent Packing Co., St. Louis, Mo., traveling salesman.  
 Wilson & Co., Union Stock Yards, traveling salesman.  
 Morris & Co., Union Stock Yards, branch house.  
 Densiezen Packing Co., Decatur, Ill., local butchers.  
 Decatur Packing Co., Decatur, Ill.  
 Miller & Hart, Chicago, Ill., traveling salesman.  
 Leuwer Bros., Alton, traveling salesman.  
 Wilson & Co., Peoria, Ill., traveling salesman.  
 Chicago Independent, Chicago, traveling salesman.  
 Mattoon Packing Co., Mattoon, Ill., traveling salesman.



## Des Moines, Iowa (population 128,000):

Armour & Co., Des Moines, Iowa, branch house.  
 Morris & Co., Des Moines, Iowa, branch house.  
 Swift & Co., Des Moines, Iowa, branch house.  
 Cudahy Packing Co., Des Moines, Iowa, branch house.  
 Morrell & Co., Des Moines, Iowa, branch house.  
 Rath Packing Co., Des Moines, Iowa, branch house.  
 Iowa Packing Co., Des Moines, Iowa, branch house.  
 Decker & Son, Mason City, Iowa, car route.  
 Henry Kohrs Packing Co., Davenport, Iowa, traveling salesman.  
 Casson Meat & Sausage Co., Des Moines, Iowa, cooler and sausage factory.  
 Geo. A. Hormel, Austin, Minn., Cassin Meat & Sausage Co.  
 Carl Grimes, Des Moines, Iowa, slaughter house.  
 Wilson & Co., car route.  
 Perry Packing Co., Perry, Iowa, car route.

## Detroit, Mich. (population 850,000):

Armour & Co., Detroit, Mich., branch house.  
 Swift & Co., Detroit, Mich., (E), branch house.  
 Swift & Co., Detroit, Mich. (W.), branch house.  
 Morris & Co., Detroit, Mich., branch house.  
 Detroit Beef Co., Detroit, Mich., branch house.  
 Cudahy Bros. & Co., Detroit, Mich., branch house.  
 Wilson & Co., Detroit, Mich., branch house.  
 Hammond Standish Co., Detroit, Mich., branch East Market.  
 Parker, Webb & Co., Detroit, Mich., branch East Market.  
 Sullivan Packing Co., Detroit, Mich., branch East Market.  
 Krey Packing Co., Detroit, Mich., car route.  
 Wilson Provision Co., Detroit, Mich., car route.  
 Sinclair Packing Co., Detroit, Mich., broker.  
 Pielzer & Co., Detroit, Mich., car route.  
 Kingan & Co., Detroit, Mich., car route.  
 Michigan Beef Co., Detroit, Mich., branch house.  
 J. H. Geunan & Bro., Detroit, Mich., commission house.  
 Hammond Standish, Detroit, Mich., packing house.  
 Sullivan Packing Co., Detroit, Mich., packing house.  
 Newton Beef Co., Detroit, Mich., packing house.  
 Parker, Webb Co., Detroit, Mich., packing house.  
 W. B. Thompson, Detroit, Mich., packing house.  
 Kamman Beef Co., Detroit, Mich., packing house.  
 Gunsberg Packing Co., Detroit, Mich., packing house.  
 Kosker Kill, Detroit, Mich., packing house.  
 Small Killers, Detroit, Mich., packing house.  
 Wm. Davis & Co., Detroit, Mich., broker.  
 Harris Abattoir, Detroit, Mich.  
 Independent Packing Co., Detroit, Mich.  
 West Packing & Provision Co., Detroit, Mich.  
 John Morrell & Co., Detroit, Mich.

## Duluth, Minn. (population, 100,000):

Armour & Co., Duluth, Minn., branch house.  
 Wilson & Co., Duluth, Minn., branch house.  
 Cudahy Packing Co., Duluth, Minn., branch house.  
 Swift & Co., Duluth, Minn., branch house.  
 Nelson Morris & Co., Duluth, Minn., branch house.  
 G. A. Hormel, Duluth, Minn., branch house.  
 J. Decker & Son, Duluth, Minn., branch house.  
 J. Morrell & Co., Duluth, Minn., branch house.  
 Elliott & Co., Duluth, Minn., branch house.  
 T. J. McMillan, St. Paul, Minn., traveling salesman.  
 Drummond & Co., Eau Claire, Wis., broker.  
 P. Sher & Co., Duluth, Minn., branch house.  
 Farmers Terminal Packing Co., Duluth, Minn., branch house.  
 Lavine Bros., Duluth, Minn., branch house.  
 Armour & Co., Superior, Wis., subagency sales car.  
 Swift & Co., Superior, Wis., subagency sales car.  
 Cudahy Packing Co., Superior, Wis., subagency sales car.  
 Wilson & Co., Duluth, Minn., traveling salesman.  
 Elliott & Co., Duluth, Minn., traveling salesman.

## Duluth, Minn.—Continued.

N. Morris & Co., Duluth, Minn., traveling salesman.  
 G. A. Hormel Co., Duluth, Minn., traveling salesman.  
 J. Decker & Co., Duluth, Minn., traveling salesman.  
 J. Morrell & Co., Duluth, Minn., traveling salesman.  
 T. J. McMillan, St. Paul, Minn., traveling salesman.  
 Drummond & Co., Eau Claire, Wis., resident salesman.  
 Kaner & Son., Superior, Wis., slaughterhouse.  
 B. Milevitz, Superior, Wis., slaughterhouse.  
 P. Sher & Co., Duluth, Minn., traveling salesman.  
 Farmers Terminal Packing Co., Duluth, Minn., traveling salesman.  
 Lavine Bros., Duluth, Minn., traveling salesman.

## Elizabeth, N. J. (population, 97,000):

Armour & Co., Elizabeth, N. J., branch house.  
 Swift & Co., Elizabeth, N. J., branch house.  
 Morris & Co., Elizabeth, N. J., branch house.  
 Wilson & Co., Elizabeth, N. J., branch house.  
 Meyer & Bush., Ward Street, Newark, consignee.  
 Cudahy, Newark, N. J., branch House.  
 Schloss & Hels, Aster Street, Newark, slaughterhouse.  
 Perth Amboy Beef Co., Perth Amboy, independent.  
 J. C. Bender, Elizabeth, N. J., traveling salesman.  
 United Dressed Beef Co., New York City, traveling salesman.  
 Arbogast & Bastian, Allentown, Pa., independent.  
 Maybaum Packing Co., Newark N. J., independent.  
 Metropolitan Packing Co., Newark, N. J., independent.  
 Jacob Dold Packing Co., Buffalo, N. Y., independent.

## Elmira, N. Y. (population, 48,000):

Armour & Co., Elmira, N. Y., branch house.  
 Swift & Co., Elmira, N. Y., branch house.  
 Morris & Co., Elmira, N. Y., branch house.  
 Jacob Dold & Co., Buffalo, N. Y., car route.  
 Klink & Co., Buffalo, N. Y., car route.  
 Danahy Packing Co., Buffalo, N. Y., car route.  
 Cudahy Packing Co., Waverly, N. Y., car route.  
 J. F. Jelke, Chicago, Ill., car route.  
 J. Morrell & Son, car route.  
 Wilson & Co., Binghamton, N. Y., traveling salesman.  
 C. A. Durr Packing Co., Utica, N. Y., peddler trucks.

## El Paso, Tex. (population, 75,000):

Armour & Co., El Paso, Tex., branch house.  
 Swift & Co., El Paso, Tex., branch house.  
 Wilson & Co., El Paso, Tex., branch house.  
 Morris & Co., El Paso, Tex., branch house.  
 C. A. Wolf, El Paso, Tex., traveling salesman.  
 Border Packing Co., El Paso, Tex., slaughterers.  
 J. H. Nations, El Paso, Tex., traveling salesman.  
 H. I. Schneider, El Paso, Tex., traveling salesman.  
 Armstrong Packing Co., Dallas, Tex., traveling salesman.  
 Dold Packing Co., Wichita, Kans., traveling salesman.  
 J. C. Payton Packing Co., packing house.  
 El Paso Packing Co., El Paso, Tex., slaughterers.  
 Rio Grande Packing Co., El Paso, Tex., slaughterers.  
 El Paso Refining Co., El Paso, Tex., compound factory.

## Fall River, Mass. (population, 119,295):

Armour & Co., Fall River, Mass., branch house.  
 Swift & Co., Fall River, Mass., branch house.  
 Wilson & Co., Fall River, Mass., branch house.  
 Cudahy Packing Co., Fall River, Mass., branch house.  
 Morris & Co., Fall River, Mass., branch house.  
 R. D. Wordell Co., Fall River, Mass., jobbers.  
 Daniel Lee, Fall River, Mass., jobbers.  
 V. Kimball & Corwell, Fall River, Mass., jobbers.

## Greensboro, N. C. (population, 30,000):

Armour & Co., Greensboro, N. C., branch house.  
 Kingan & Co., Richmond, Va., car route.  
 W. S. Forbes & Co., Richmond, Va., traveling salesman.  
 F. E. Patrick Young, Richmond, Va., traveling salesman.



## Greensboro, N. C.—Continued.

Morris & Co., Winston-Salem, N. C., traveling salesman.  
 Wilson & Co., Chicago, Ill., car route.  
 Swift & Co., Greensboro, N. C., branch house.  
 Swift & Co., Durham, traveling salesman.  
 Swift & Co., Raleigh, traveling salesman.  
 Cudahy Packing Co., Greensboro, traveling salesman.  
 Procter & Gamble, Richmond, Va., traveling salesman.

## Greenville, S. C. (population, 23,000):

Armour & Co., Greenville, S. C., branch house.  
 Cudahy & Co., Greenville, S. C., branch house.  
 Morris & Co., Greenville, S. C., branch house.  
 Swift & Co., Greenville, S. C., branch house.  
 Kingan & Co., Richmond, Va., car route.  
 Jacob Dold & Co., Richmond, Va., traveling salesman.  
 Wilson & Co., Spartanburg, S. C., traveling salesman.  
 Forbes & Co., Richmond, Va., broker.  
 Procter, Gamble & Co., Cincinnati, broker.  
 Southern Cotton Oil Co., Savannah.  
 Capitol Refining Co., Washington, D. C., traveling salesman.  
 W. H. Ballentine, Greenville, traveling salesman.  
 George H. Hormell, Minnesota, broker.

## Hartford, Conn. (population, 138,000):

Armour & Co., Hartford, Conn., branch house.  
 Morris & Co., Hartford, Conn., branch house.  
 Cudahy & Co., Hartford, Conn., branch house.  
 Swift & Co., Hartford, Conn., branch house.  
 Connecticut Beef Co., Hartford, Conn., consignee.  
 H. L. Handy Co., Hartford, Conn., branch house.  
 Wilson & Co., Chicago, Ill., traveling salesman.  
 J. Morrell & Co., Boston, Mass., traveling salesman.  
 Sperry & Barnes, New Haven, traveling salesman.  
 Kingan & Co., New York, traveling salesman.  
 J. P. Squires, Boston, traveling salesman.  
 Sinclair Packing Co., Boston, traveling salesman.  
 Hawkins & Withingtons, Providence, traveling salesman.  
 J. J. Poole, Boston, traveling salesman.  
 Morris Later, Boston, traveling salesman.  
 O. Pelton, East Windsor, Conn., slaughterer's salesman.  
 Jacob Dold, Springfield, traveling salesman.  
 Hartford Provision Co., Hartford, packing house.  
 Indianapolis Abattoir Co., Hartford, traveling salesman.  
 Parker Webb Co., Detroit, traveling salesman.  
 P. G. Gray Co., Boston, traveling salesman.

## Hazelton, Pa. (population, 30,000):

Armour & Co., Hazelton, Pa., branch house.  
 Swift & Co., Hazelton, Pa., branch house.  
 Wilson & Co., Hazelton, Pa., branch house.  
 Arbogast & Bastain, Allentown, traveling salesman.  
 Reading Abattoir, Reading, traveling salesman.  
 Swift & Co., Lehigh, Pa., traveling salesman.  
 Wilson & Co., Allentown, traveling salesman.  
 Hazel Sales Co., Hazelton, Pa.  
 Morris & Co., Hazelton, Pa., branch house.  
 Jacob Dold, Buffalo, traveling salesman.  
 Diamond City Beef Co., Wilkes-Barre, Pa., traveling salesman.  
 Cudahy Packing Co., Pittston, Pa., traveling salesman.

## Helena, Ark. (population, 8,772):

Armour & Co., Helena, Ark., branch house.  
 Morris & Co., Helena, Ark., branch house.  
 Cudahy, Kansas City, car route.  
 Swift & Co., Memphis, Tenn., traveling salesman.  
 Morrell & Co., Memphis, Tenn., traveling salesman.  
 South C. O. Co., consignee.  
 Procter & Gamble, Memphis Tenn., consignee.  
 Memphis Packing Co., St. Louis, Mo., car route.  
 Wilson & Co., Memphis, Tenn., traveling salesman.  
 Kingan & Co., Memphis, Tenn., traveling salesman.

## Holyoke, Mass. (population, 65,000):

Armour & Co., Holyoke, branch house.  
 Swift & Co., Holyoke, branch house.  
 Cudahy Packing Co., Holyoke, branch house.  
 Morris, & Co., Holyoke, branch house.  
 J. P. Squires, Holyoke, branch house.  
 Wilson & Co., Springfield, traveling salesman.  
 Jacob Dold, Buffalo, N. Y., traveling salesman.  
 George Nye, Springfield, traveling salesman.  
 H. L. Handy, Springfield, traveling salesman.  
 Batchelder & Snyder, Boston, traveling salesman.

## Indianapolis, Ind. (population, 314,194):

Armour & Co., Indianapolis, packers.  
 Swift & Co., Indianapolis, packers.  
 F. Hilgemeier & Bros., Indianapolis, packers.  
 Indianapolis Abattoir, Indianapolis, packers.  
 Indianapolis Dressed Beef Co., Indianapolis, packers.  
 Moore & Co., Indianapolis, packers.  
 Brown Bros., Indianapolis, packers.  
 Kingan & Co., Indianapolis, packers.  
 Meier Packing Co., Indianapolis, packers.  
 Riverview Packing Co., Indianapolis, packers.  
 Frank Schussler, Indianapolis, packers.  
 United Butchers, Indianapolis, packers.  
 Worm & Co., Indianapolis, packers.

## Jacksonville, Fla. (population, 91,000):

Swift & Co., Jacksonville, Fla., branch house.  
 Morris & Co., Jacksonville, Fla., branch house.  
 Cudahy Packing Co., Jacksonville, Fla., branch house.  
 Kingan & Co., Jacksonville, Fla., branch house.  
 Wilson & Co., Jacksonville, Fla., branch house.  
 Jax Cattle Co., Jacksonville, Fla., packing house.  
 Moultrie Packing Co., Jacksonville, Fla., branch house.  
 Comstock Packing Co., Jacksonville, Fla., agency.  
 North Packing Co., Boston, agency.  
 Libby, McNeil & Libby, Jacksonville, branch house.  
 Smith, Richardson & Conroy, Jacksonville, hotel supply company.  
 Cudahy Bros., Cudahy, Wis., broker.  
 Danahy Packing Co., Buffalo, N. Y., broker.  
 Klinck & Co., Buffalo, N. Y., broker.  
 Sullivan Packing Co., Detroit, Mich., broker.  
 Jos. Sahlen, Buffalo, N. Y., broker.  
 Cleveland Provision Co., Cleveland, Ohio, broker.  
 Sinclair & Co., Cedar Rapids, Iowa, broker.  
 Street & Corkran, Jacksonville, Fla., broker.  
 Allied Packing Co., Macon, Ga., broker.  
 Independent Packing Co., Chicago, broker.  
 Dold Packing Co., Buffalo, broker.  
 Dold Packing Co., Kansas City, broker.  
 Dold Packing Co., Wichita, Kans., broker.  
 International Packing Co., Jacksonville, Fla., broker.  
 Fairbanks & Co., Jacksonville, Fla., broker.  
 Proctor & Gamble, Jacksonville, Fla., broker.  
 Farris Co., Jacksonville, Fla., plant.  
 Southern Cotton Oil Co., Jacksonville, Fla., broker.  
 Swift & Co., Jacksonville, Fla., broker.  
 Krey Packing Co., St. Louis, Mo., car route.  
 Independent Packing Co., St. Louis, Mo., car route.  
 Geo. A. Hormel, Austin, Minn., broker.  
 Evansville, Packing Co., Evansville, Ind., consignee.  
 Wrath Packing Co., Waterloo, broker.

## Jamaica, N. Y. (population, 25,000):

Armour & Co., Jamaica, branch house.  
 Morris & Co., Jamaica, branch house.  
 Wilson & Co., Jamaica, branch house.  
 Swift & Co., Flushing, N. Y., branch house.  
 Louis Levi, Jamaica, broker and consignee.



## Jamaica, N. Y.—Continued.

C. Trautemen & Co., Jamaica, broker.  
 Wilson & Co., New York City, packing house.  
 New York Dressed Meat Co., New York City, packing house.  
 United Dressed Beef Co., New York City, packing house.  
 International Provision Co., Brooklyn, packing house.  
 J. J. Felin & Co., New York City, provisions.  
 Wilson & Co., Mineola, N. Y., branch house.  
 Sinclair Packing Co., New York City, provisions.  
 Leo Lesser, Jamaica, broker.  
 Max Kollner, Jamaica, broker.

## Jersey City, N. J. (population, 300,000):

Armour & Co., Jersey City, branch house.  
 Cudahy & Co., Jersey City, branch house.  
 Wilson & Co., Hoboken, branch house.  
 Nagle & Co. (Cudahy), Hoboken, consignee.  
 Swift & Co., Bayonne, branch house.  
 Swift & Co., Jersey City, packing house.  
 Morris & Co., Bayonne, branch house.  
 Wm. Everett & Sons, Jersey City, slaughtering.  
 I. Hilderun, Jersey City, slaughtering.  
 Williams & Co., Hoboken, N. J., consignee.  
 Nagle Packing Co., Hoboken, N. J., packing house.  
 Morrell & Co., Hoboken, N. J., main market branch.  
 Armour & Co., Hoboken, N. J., branch house.  
 New York & New Jersey Beef Co., Hoboken, N. J., branch house.  
 S. W. Kagan, Hoboken, N. J., traveling salesman.  
 Dold Packing Co., Hoboken, N. J., traveling salesman.

## Kansas City, Kans. (population, 52,331):

Swift & Co., Kansas City, packing house market.  
 Morris & Co., Kansas City, packing house market.  
 Cudahy Packing Co., Kansas City, packing house market.  
 Wilson & Co., Kansas City, packing house market.  
 Cochrane Packing Co., Kansas City, packing house market.  
 Jos. Baum, Kansas City, local slaughterers.  
 Morrell & Co., Ottumwa, Iowa, traveling salesman.  
 Morton-Gregson Co., Nebraska City, traveling salesman.  
 Waldeck Packing Co., St. Louis, Mo., traveling salesman.  
 Rath Packing Co., Kansas City, traveling salesman.  
 Far Famed S. & M. Co., Kansas City, local slaughterers.  
 Wolff Packing Co., Topeka, Kans., salesman.  
 Schalker Packing Co., Kansas City, Kans., branch house.  
 Means Packing Co., Kansas City, Kans., packing house market.  
 Geo. Kaiser, Kansas City, Kans., packing house market.  
 Kansas City Packing Co., Kansas City, Kans., packing house market.  
 Schneider, W. B., Meat Co., Kansas City, Kans., packing house market.  
 Van Camp Products Co., Kansas City, Kans., packing house market.  
 McCoughey, W. J., Kansas City, Kans., wholesale meat market.  
 McCoughey, S., Kansas City, Kans., wholesale meat market.  
 H. G. Penick, Kansas City, Kans., wholesale meat market.  
 Geo. S. Bartlett, Kansas City, Kans., wholesale meat market.  
 P. Jakobich, Kansas City, Kans., peddler's meat.  
 Michael Vulkelich, Kansas City, Kans., meat peddler.  
 Wiess & Renick, Kansas City, Kans., meat peddler.

## Kingston, N. Y. (population, 27,000):

Armour & Co., Kingston, branch house.  
 Morris & Co., Kingston, branch house.  
 Jacob Forst Packing Co. (Inc.), Kingston, branch house.  
 Geo. Day, Kingston, branch house.  
 Louis Andur, Kingston, butcher.  
 Basch Bros., Kingston, butcher.  
 M. Sellar, Kingston, butcher.  
 M. Faber, Kingston, butcher.  
 J. S. Thomson, Kingston, butcher.  
 David Faver, Kingston, butcher.

## La Crosse, Wis. (population, 32,250):

Armour & Co., La Crosse, branch house.  
 Swift & Co., La Crosse, branch house.  
 Morris & Co., La Crosse, branch house.  
 Wilson & Co., Albert Lea, Minn., car route.  
 Cudahy Packing Co., Sioux City, Iowa, car route.  
 Geo. A. Hormel, Austin, Minn., traveling salesman.  
 International Packing Co., Winona, Minn., traveling salesman.  
 Schams Bros., La Crosse, traveling salesman.  
 Neiderkorn & Sons, La Crosse, traveling salesman.  
 Farmers Terminal, Newport, Minn., car route.

## Little Rock, Ark. (population, 65,000):

Armour & Co., Little Rock, Ark., branch house.  
 Swift & Co., Little Rock, Ark., branch house.  
 Morris Packing Co., Little Rock, Ark., branch house.  
 Wilson & Co., Little Rock, Ark., branch house.  
 Cudahy Packing Co., Little Rock, Ark., branch house.  
 R. H. Kaufman, Little Rock, Ark., traveling salesman.  
 Little Rock Packing Co., Little Rock, Ark., packing house.  
 Becker Provision Co., Little Rock, Ark., branch house.  
 Independent Packing Co., St. Louis, Mo., car route.  
 Wolfe Packing Co., Little Rock, car route.

## Lowell, Mass. (population, 120,000):

Armour & Co., Lowell, Mass., branch house.  
 Swift & Co., Lowell, Mass., branch house.  
 Morris & Co., Lowell, Mass., branch house.  
 Cudahy Packing Co., Lowell, Mass., branch house.  
 W. B. Carry, Lowell, Mass., independent buyer.  
 Independent Beef Packing Co., Lowell, Mass., local and Boston market.  
 Lowell Beef Co., Lowell, Mass., local slaughterers.  
 John Morrill & Co., Lowell, Mass., traveling salesman.  
 J. Dold Packing Co., Lowell, Mass., traveling salesman.  
 J. P. Squire Co., Lowell, Mass., traveling salesman.  
 North Packing & Provision Co., Lowell, Mass., traveling salesman.  
 J. R. Poole, Lowell, Mass., traveling salesman.  
 P. R. Gray, Lowell, Mass., traveling salesman.  
 E. Perham, Chelsford, Mass., local slaughterer.  
 Alex Fisher, Westford, Mass., local slaughterer.  
 Keller & Kramer, Dracut, Mass., local slaughterer.  
 J. Steenberg, Chelsford, Mass., local slaughterer.  
 A. Moore, Lowell, Mass., pork products.  
 Fred Milne, Lowell, Mass., pork products.  
 Wilson & Co., Boston, Mass., C. R. salesman.  
 Lowell Provision Co., Lowell, Mass., pork and pork products.

## Lynchburg, Va. (population, 30,000):

Armour & Co., Lynchburg, Va., branch house.  
 Swift & Co., Lynchburg, Va., branch house.  
 Morris & Co., Lynchburg, Va., branch house.  
 Comstock & Co., Lynchburg, Va., broker.  
 Cudahy Bros., Lynchburg, Va., broker.  
 Kingan & Co., Richmond, Va., car route.  
 W. A. Kurdle, Baltimore, Md., traveling salesman.  
 M. A. Scott, Lynchburg, Va., abattoir.  
 Forbes & Co., Richmond, Va., traveling salesman.  
 Cochran & Hill, Baltimore, Md., traveling salesman.  
 Jones & Lamb, Baltimore, Md., traveling salesman.  
 Proctor & Gamble, Richmond, Va., traveling salesman.  
 Wilson & Martin, Baltimore, Md., traveling salesman.  
 Wilson & Co., Lynchburg, Va., branch house.

## Macon, Ga. (population, 52,995):

Armour & Co., Macon, Ga., branch house.  
 Cudahy Packing Co., Macon, Ga., branch house.  
 Morris & Co., Macon, Ga., branch house.  
 Swift & Co., Macon, Ga., branch house.  
 Wilson & Co., Macon, Ga., branch house.  
 Independent Packing Co., Macon, Ga., branch house.  
 Krey Packing Co., Macon, Ga., broker.



## Macon, Ga.—Continued.

Cudahy Bros. Co., Macon, Ga., brokers.  
 White Provision Co., Atlanta, Ga., local salesman.  
 Kingan & Co., Atlanta, Ga., traveling salesman.  
 Geo. A. Hormel, Atlanta, Ga., traveling salesman.  
 John C. Roth Packing Co., brokers.

## Manchester, N. H. (population, 70,063):

Armour & Co., Manchester, N. H., branch house.  
 N. Morris & Co., Manchester, N. H., branch house.  
 Swift & Co., Manchester, N. H., branch house.  
 J. P. Squire & Co., Manchester, N. H., branch house.  
 Foster Beef Co., Manchester, N. H., independent.

## Marlboro, Mass. (population, 14,579):

Armour & Co., Marlboro, Mass., branch house.  
 Morris & Co., Marlboro, Mass., branch house.  
 Swift & Co., Clinton, Mass., traveling salesman.  
 Cudahy Packing Co., Worcester, Mass., traveling salesman.  
 Batchelder & Snyder, Boston, Mass., consignee.  
 Sprague Bros., Boston, Mass., consignee.  
 Wilson & Co., Boston, Mass.  
 Swift & Co., Worcester, Mass., branch house.  
 Chamberlin & Co., Boston, Mass., consignee.  
 E. B. McLeod, Marlboro, Mass., jobber.  
 H. Shapiro, Boston, Mass., jobber.  
 Harigan & Dol, Boston, Mass., jobber.

## Memphis, Tenn. (population, 145,000):

Armour & Co., Memphis, Tenn., branch house.  
 Swift & Co., Memphis, Tenn., branch house.  
 Morris & Co., Memphis, Tenn., branch house.  
 Jno. Morrell, Memphis, Tenn., branch house.  
 Scott's Abattoir, Memphis, Tenn., slaughterhouse.  
 Rath Packing Co., Memphis, Tenn., broker and consignee.  
 Kingan & Co., Memphis, Tenn., consignee.  
 Cudahy Packing Co., Memphis, Tenn., branch house.  
 F. C. Weathersby, Memphis, Tenn., jobber.  
 Cudahy Packing Co., Memphis, Tenn., distributing branch.  
 Wilson & Co., Memphis, Tenn., branch house.  
 Jacob Dold, Memphis, Tenn., branch house.  
 Memphis Packing Corporation, Memphis, Tenn., packing house.  
 Hormell Packing Co., Memphis, Tenn., consignee.  
 Perkins Golden Co., Memphis, Tenn.  
 Krey Packing Co., Memphis, Tenn., car route.  
 Independent Packing Co., St. Louis, car route salesmen (3).  
 Iowa Packing Co., branch house.  
 Cudahy Bros., Milwaukee, Wis., consignee.  
 Allied Packing Co., traveling salesman.

## Minneapolis, Minn. (population, 370,000):

Armour & Co., Minneapolis, branch house.  
 Cudahy Packing Co., Minneapolis, Minn., branch house.  
 Morris & Co., Minneapolis, branch house.  
 Wilson & Co., Minneapolis, branch house.  
 Swift & Co., Minneapolis, branch house.  
 J. Decker & Son, Minneapolis, branch house.  
 Geo. Hormel & Co., Minneapolis, branch house.  
 Interstate Packing Co., Minneapolis, branch house.  
 Feinberg & Co., Minneapolis, local slaughterers.  
 R. N. Katz Packing Co., Minneapolis, branch house.  
 T. J. McMillan, St. Paul, Minn., packing house.  
 La Pray & Granning, Minneapolis, Minn., local slaughterers.  
 Morrell Packing Co., Minneapolis, Minn., branch house.  
 E. J. Kelly, Minneapolis, Minn., local slaughterers.  
 John Luxen, Minneapolis, Minn., local slaughterers.  
 Luley Abattoir, Minneapolis, Minn., abattoir.  
 Gush Bartach, Minneapolis, Minn., branch house.  
 N. Cohn, Minneapolis, Minn., jobber.  
 Kasawietz & Shaefer, Minneapolis, Minn., traveling salesman.

## Minneapolis, Minn.—Continued.

Simon Bros., Minneapolis, Minn., traveling salesman.  
 Hertz & Rifkin, Minneapolis, Minn., traveling salesman.  
 Farmers' Teaming Co., Minneapolis, Minn., traveling salesman.  
 Cohen, Levin & Hoffman, Minneapolis, Minn., traveling salesman.  
 Kellar & Dougherty, Minneapolis, Minn., abattoir.

## Mobile, Ala. (population, 60,777):

Armour & Co., Mobile, Ala., branch house.  
 Swift & Co., Mobile, Ala., branch house.  
 Cudahy Packing Co., Mobile, Ala., branch house.  
 Jno. Morrell & Co., Mobile, Ala., branch house.  
 Morris & Co., Mobile, Ala., branch house.  
 Sanders Packing Co., Cincinnati, broker.  
 Beatrice Creamery Co., Omaha, Nebr., broker.  
 Fox River Butter Co., Elgin, Ill., broker.  
 Panley & Panley, Manitowoc, Wis., broker.  
 Roberts & Oake, Chicago, broker.  
 Cox & Gordon, St. Louis, broker.  
 Kingan & Co., Indianapolis, route car.  
 Carondelet Packing Co., St. Louis, Mo., broker.  
 D. Berg & Co., Milwaukee, Wis., broker.  
 Haas-Davis Packing Co., Mobile, Ala., packing house.  
 Independent Provision Co., Mobile, Ala., consignee.

## Montgomery, Ala. (population, 43,000):

Armour & Co., Montgomery, Ala., branch house.  
 Swift & Co., Montgomery, Ala., branch house.  
 Cudahy Packing Co., Montgomery, Ala., branch house.  
 Morris & Co., Montgomery, Ala., branch house.  
 Alabama Storage & Ice Co., Montgomery, Ala., produce and fresh meats.  
 M. Strauss, Montgomery, Ala., traveling salesman.  
 Dold Packing Co., Birmingham, Ala., traveling salesman.  
 Morrell Packing Co., Birmingham, Ala., traveling salesman.  
 Cox & Gordon, St. Louis, Mo., res. broker.  
 Roberts & Oake, Chicago, Ill., traveling salesman.  
 Kingan & Co., Montgomery, Ala., traveling salesman.  
 Evansville Packing Co., Montgomery, Ala., branch house.  
 J. B. McFaden, Montgomery, Ala., wholesale fresh meats.  
 Independent Packing Co., St. Louis, Mo., car route.

## Newark, N. J. (population, 450,000):

Lackawanna Packing Co., Newark, N. J., brokers.  
 Metropolitan Beef Co., Newark, N. J., traveling salesman.  
 Swift & Co., Newark, N. J., branch house.  
 Morris & Co., Newark, N. J., branch house.  
 Coffin Bros., Newark, N. J., consignee, traveling salesman.  
 Roth & Co., Newark, N. J., brokers.  
 Meger & Bush, Newark, N. J., consignee, traveling salesman.  
 Ward Packing Co., Newark, N. J., brokers.  
 Newark Beef Co., Newark, N. J., brokers.  
 Maybaum Packing Co., Newark, N. J., traveling salesman.  
 Federal Beef Co., Newark, N. J., brokers.  
 E. Schloss, Newark, N. J., traveling salesman, consignee.  
 Dold Packing Co., Newark, N. J., car route.  
 Morrell & Co., Newark, N. J., car route.  
 Independent Packing Co., East St. Louis, car route.  
 Nagle Packing Co., Newark, N. J., car route, consignee.  
 Weiler & Co., Newark, N. J., broker.

## New Bedford, Mass. (population, 123,000):

Armour & Co., New Bedford, branch house.  
 Swift & Co., New Bedford, branch house.  
 Morris & Co., New Bedford, branch house.  
 J. W. Bannister, New Bedford, consignee.  
 Cudahy Packing Co., Fall River, Mass., branch house.  
 J. P. Squires, New Bedford, branch house.  
 Parker Webb Co., Detroit, Mich., car route.

## Newburgh, N. Y. (population, 30,272):

Armour & Co., Newburgh, N. Y., branch house.  
 Morris & Co., Newburgh, N. Y., branch house.  
 Dold Packing Co., Buffalo, N. Y., traveling salesman.



## Newburgh, N. Y.—Continued.

Swift & Co., Yonkers, N. Y., traveling salesman.  
 Roth Bros., Yonkers, N. Y., traveling salesman.  
 Cudahy Packing Co., New York, traveling salesman.  
 Kingan & Co., New York, traveling salesman.  
 Rohe Bros., New York, traveling salesman.  
 E. S. Alspaugh Co., New York, traveling salesman.  
 Vogel Bros., New York, traveling salesman.  
 Jacob Forst Packing Co., Kingston, N. Y., traveling salesman.  
 Fritz Meyer, Peekskill, N. Y., traveling salesman.  
 J. B. Meed, Newburgh, N. Y., wholesale market.  
 Taggart & O'Prey, Newburgh, N. Y., wholesale market.

## New Haven, Conn. (population, 133,605):

Armour & Co., New Haven, Conn., branch house.  
 Sperry & Barnes, New Haven, Conn., packing house.  
 Swift & Co., New Haven, Conn., branch house.  
 Cudahy & Co., New Haven, Conn., branch house.  
 Wilson & Co., New Haven, Conn., branch house.  
 Independent Abattoir, New Haven, Conn., branch house.  
 Morris & Co., New Haven, Conn., branch house.  
 J. Morrell & Co., Ottumwa, traveling salesman.  
 Jacob Dold, South Omaha, traveling salesman.  
 New Haven Beef Co., New Haven, jobber.  
 R. Hollabird Co., New Haven, jobber.  
 Federal Packing Co., New Haven, traveling salesman.  
 Alexander Links, New Haven, jobber.  
 Parker Webb, Detroit, car route.  
 Hormell Co., Austin, Minn., car route.  
 Kramp & Co., Austin, Minn., local jobbers.

## Newport News, Va. (population, 20,205):

Armour & Co., Newport News, branch house.  
 Swift & Co., Newport News, branch house.  
 Morris & Co., Newport News, branch house.  
 Cudahy Packing Co., Norfolk, Va., traveling salesman.  
 Wilkins Provision Co., Newport News, house.  
 Wilson & Co., Norfolk, Va., traveling salesman.  
 Kingan & Co., Norfolk, Va., traveling salesman.  
 Street, Cochran & Heil, Baltimore, Md., traveling salesman.  
 Jones & Lamb, Baltimore, Md., traveling salesman.  
 Chas. Kriel, Baltimore, Md., broker.  
 The Wm. Schulberg, T. J. Kurdle Co., Baltimore, Md., traveling salesman.  
 Greenwall Packing Co., Baltimore, Md., traveling salesman.  
 Wagner Bros., Baltimore, Md., mail.  
 Wilson Martin Co., Baltimore, Md., mail.  
 W. S. Forbes, Richmond, Va., mail.  
 Southern Lard & Provision Co., Norfolk, Va., mail.  
 High Grade Compound Co., Baltimore, Md., mail.  
 George & Co., Baltimore, Md., mail.  
 Levison Packing Co., Newport News, Va., butchers.  
 Geo. Hormel, Newport News, Va., broker.  
 Dineinmalle Abattoir Co., broker.  
 Scott Butter & provision Co., Norfolk, traveling salesman.  
 John A. Gebelein, Baltimore, traveling salesman.

## New Orleans, La. (population, 387,408):

Armour & Co., New Orleans, branch house.  
 Arebi Packing Co., New Orleans, packers.  
 Cudahy Packing Co., New Orleans, branch house.  
 A. D. Davis Packing Co., New Orleans, packers.  
 Swift & Co., New Orleans, branch house.  
 Wilson & Co., New Orleans, branch house.  
 L. A. Frey & Sons, New Orleans, packers.  
 Hoth & Bros. (Ltd.), New Orleans, packers.  
 N. O. Butchers' Cooperative Abattoir, New Orleans, slaughterers.  
 L. Artigne, New Orleans, sausage manufacturers.  
 G. & W. Schott, New Orleans, wholesale meat and sausage company.  
 G. A. Wiegond & Co., New Orleans, wholesale meat dealers.  
 Western Meat Co., wholesale meat dealers.

New York City (population, 5,621,151):

Armour & Co., Tenth Avenue, four branch houses.  
 Save Mayer, Tenth Avenue, Armour consignee.  
 Swift & Co., Tenth Avenue, two branch houses.  
 Morris & Co., Tenth Avenue, one branch house.  
 Sol Levy, Tenth Avenue, Morris consignee.  
 Cudahy & Co., Tenth Avenue, branch house.  
 Wilson & Co., Tenth Avenue, branch house.  
 Cincinnati Abattoir, Tenth Avenue, jobber.  
 Simon Frank, Tenth Avenue, jobber.  
 Conron Bros., Tenth Avenue, jobber.  
 S. Gold, Tenth Avenue, jobber.  
 Dulaney Rull & Spitler, Tenth Avenue, jobber.  
 Haft & Horwitz, Tenth Avenue, jobbers.  
 M. Kornblum, Tenth Avenue, jobber.  
 S. Nagle, Tenth Avenue, jobber.  
 Geo. Oliver, Tenth Avenue, jobber.  
 M. Greenberg, Tenth Avenue, jobber.  
 I. Warburg, Tenth Avenue, jobber.  
 L. Frank, Tenth Avenue, jobber.  
 C. D. Sullivan, Tenth Avenue, jobber.  
 Armour & Co., Manhattan Market, branch house.  
 Morris & Co., Manhattan Market, branch house.  
 Cudahy & Co., Manhattan Market, branch house.  
 Wilson & Co., Manhattan Market, branch house.  
 Kingan & Co., Manhattan Market, branch house.  
 J. Morrell & Co., Manhattan Market, car route.  
 Daitch & Marcus, Manhattan Market, jobber.  
 Armour & Co., Harlem Market, branch house.  
 Morris & Co., Harlem Market, branch house.  
 Cudahy & Co., Harlem Market, branch house.  
 Swift & Co., Harlem Market, branch house.  
 Wilson & Co., Harlem Market, branch house.  
 Conron Bros., Harlem Market, jobber.  
 New York Independent Beef Co., Harlem Market, jobber.  
 G. G. Heinrichs, Harlem Market, jobber.  
 Armour & Co., Brook Avenue, branch house.  
 Swift & Co., Brook Avenue, branch house.  
 Morris & Co., Brook Avenue, branch house.  
 Wilson & Co., Brook Avenue, branch house.  
 Cudahy & Co., Brook Avenue, branch house.  
 Conron Bros., Brook Avenue, jobber.  
 New York Independent Beef Co., Brook Avenue, jobber.  
 Laudgrave & Kaufman, Brook Avenue, jobber.  
 Washington Co., Brook Avenue, jobber.  
 Greson & Horn, Brook Avenue, jobber.  
 Orfinger & Bumgarb, Brook Avenue, jobber.  
 Dave Mayer, Brook Avenue, jobber.  
 A. & L. Danzig, Brook Avenue, jobber.  
 H. Strausberger, Brook Avenue, jobber.  
 Klein & Cedrow, Brook Avenue, jobber.  
 Swift & Co., Wallabout Market, branch house.  
 Wilson & Co., Wallabout Market, branch house.  
 New York Butchers' Dressed Meat Co., Thirty-eighth and Eleventh Avenue, slaughter.  
 Jos. Stern, Thirty-eighth and Eleventh Avenue, slaughter.  
 Wilson & Co., Forty-fifth and First Avenue, slaughter.  
 United Dressed Beef Co., Forty-fifth and First Avenue, slaughter.  
 Swift & Co., Forty-fifth and First Avenue, slaughter.



*New York, Brooklyn, Jersey City, and Newark slaughterers and number of live stock slaughtered January 1, 1921, to October 27, 1921.*

	Cattle.	Calves.	Sheep.	Hogs.
New York Butchers' Dressed Meat Co., New York.....	54, 901	47, 423	123, 822	.....
United Dressed Beef Co., New York.....	83, 877			.....
Swift & Co., New York.....	14, 820	38, 100	265, 876	.....
Swift & Co., Harrison, N. J.....	15, 377	8, 155	28, 566	.....
Wilson & Co., New York.....	76, 202	38, 311	138, 850	.....
Nagle Packing Co., Jersey City.....	45, 856	22, 813	128, 876	.....
Heilbrun Co., Jersey City.....	4, 840	21, 951	49, 893	.....
Everett Sons, Jersey City.....	3, 721	3, 894	15, 686	.....
Stern & Sons, New York.....	46, 310	21, 811		156, 145
Sam Plaut, New York.....	5, 272			.....
Chas. Schumaker, New York.....	7, 625			.....
Stern & Co., New York.....	1, 819			.....
Gotham Packing Co., Brooklyn.....	6, 719			.....
S. & H. Plaut, Brooklyn.....	2, 640			.....
M. H. Hoffman, Brooklyn.....	2, 125			.....
C. Lehman, Brooklyn.....	10, 046			.....
Strauss, Shick & Strauss, Brooklyn.....	4, 336			.....
Weill & Isaacs, Brooklyn.....	8, 175			.....
M. & S. Levy, Brooklyn.....	998			.....
Chieffetz & Greenberg, Brooklyn.....	11, 807			.....
A. Aaron (Inc.), Brooklyn.....	4, 931	18, 239	37, 008	.....
J. Bernstein, Brooklyn.....	576			.....
Bullnecht, Brooklyn.....	437			.....
Pilansky, Brooklyn.....	71			.....
A. Kallenberg, Brooklyn.....	1, 698			.....
S. Weil, Brooklyn.....	200			.....
Herbst & Moch, Newark.....	(1)			.....
Schloss, Held & Schloss, Newark.....	(1)			.....
Richards, Newark.....	(1)			.....
Strauss & Adler.....	(1)	63, 063	90, 910	.....
J. & M. Scanlon.....	(1)	18, 255	121, 179	.....
Frank Moe.....	(1)	29, 292	845	.....
N. Y. Veal & Mutton Co.....	(1)	39, 282	137, 506	.....
J. J. Harrington & Son.....	(1)	21, 358	178, 014	.....
Weisbart & Rodman, New York.....	(1)	38, 779		.....
D. Blumberg & Son, New York.....	(1)	21, 527	22, 855	.....
Eastern Veal & Mutton Co., Jersey City.....	(1)	20, 550	3, 564	.....
Independent Veal & Mutton Co., Jersey City.....	(1)	12, 645		.....
Hanson, Jersey City.....	(1)	8, 612		.....
S. Nagle, Jersey City.....		8, 720	39, 472	.....
Modern Veal & Mutton Co., Brooklyn.....		5, 645		.....
Manhattan Veal & Mutton Co., New York.....		31, 055		.....
A. Levy, Brooklyn.....		18, 239	197, 519	.....
V. Hanson, Jersey City.....			5, 510	.....
Rodman, New York.....			22, 279	.....
Figge & Hutwelker, New York.....				258, 480
Rohe & Bro.....	(1)	(1)	(1)	(1)
T. Hughes Co., Jersey City.....				103, 214
Brainard Bros., Jersey City.....				93, 565
Armour & Co., Jersey City.....				126, 962
Swift & Co.....				160, 912
Van Wagner & Schickhaus Co.....				128, 492
Fullerton, Paterson, N. J.....	(1)	(1)	(1)	(1)
Maybaum & Son, Newark, N. J.....	(1)	(1)	(1)	(1)
Horn, Newark, N. J.....	(1)	(1)	(1)	(1)
Jos. Feld, Passaic, N. J.....	(1)	(1)	(1)	(1)

<sup>1</sup> Number slaughtered not available.

Norfolk, Va. (population 225,000):

Armour & Co., Norfolk, Va., branch house.  
 Swift & Co., Norfolk, Va., branch house.  
 Cudahy & Co., Norfolk, Va., branch house.  
 Morris & Co., Norfolk, Va., branch house.  
 Wilson & Co., Norfolk, Va., branch house.  
 Kingan & Co., Norfolk, Va., branch house.  
 Libby, Norfolk, Va., branch house.  
 Banks Bros. Packing Co., Norfolk, Va., slaughter house.  
 Southern Lard & Provision Co., Norfolk, Va., compound factory.  
 Jones & Lamb, Baltimore, traveling salesman.  
 Cochran & Hill, Baltimore, traveling salesman.  
 Schluderbarger & Co., Baltimore, traveling salesman.  
 Chas. G. Kriel, Baltimore, traveling salesman.  
 T. J. Kirdle, Baltimore, traveling salesman.

## Norfolk, Va.—Continued.

Greenwald Packing Co., Baltimore, traveling salesman.  
 D. B. Martin, Baltimore, Wilson & Martin, salesman.  
 George & Co., Baltimore, traveling salesman.  
 High Grade Lard Co., Washington, D. C., traveling salesman.  
 J. J. McPherson Co., Norfolk, Va., packing house.  
 Haas & Fox, Norfolk, Va., traveling salesman.  
 Cincinnati Abattoir Co., Norfolk, Va., traveling salesman.  
 C. Hohman & Son., Baltimore, traveling salesman.  
 J. C. Roth & Co., Cincinnati, traveling salesman.  
 Houston Packing Co., Houston, Tex., traveling salesman.  
 Boston Food, Boston, Mass., traveling salesman.  
 Cincinnati Abattoir Co., Cincinnati, traveling salesman.  
 Geo. Hormell, Astein, Minn., broker.  
 North Packing Co., Boston, Mass., broker.  
 Corn Belt Packing Co., Dubuque, Iowa, broker.  
 W. S. Forbes, Richmond, Va., broker.  
 Cudahy Bros., Cudahy, Wis., broker.  
 St. Louis Independent Packing Co., broker.  
 Wm. Davis Co., Toronto, Canada, broker.  
 Thos. Rudly Co., Kansas City, broker.  
 Scott Butter Co., broker.

## Omaha, Nebr. (population, 200,000):

Armour & Co., Omaha, branch house.  
 Cudahy Packing Co., Omaha, branch house.  
 Swift & Co., Omaha, branch house.  
 Morris & Co., Omaha, branch house.  
 Wilson & Co., Kansas City, traveling salesman.  
 Morrell & Co., Ottumwa, Iowa, traveling salesman.  
 Morton-Gregson, Nebraska City, Nebr., traveling salesman.  
 Cudahy Packing Co., South Omaha, packing house wholesale market.  
 Swift & Co., South Omaha, packing house wholesale market.  
 Morris & Co., South Omaha, packing house wholesale market.  
 Armour & Co., South Omaha, packing house wholesale market.  
 Dold Packing Co., South Omaha, packing house wholesale market.  
 Mid West Packing Co., South Omaha, local slaughter.  
 Omaha Packing Co., South Omaha, local slaughter.  
 South Omaha Packing Co., South Omaha, local slaughter.  
 Higgins Packing Co., South Omaha, local slaughter.  
 M. Glassberg, South Omaha, local slaughter.  
 Pat O'Dea, South Omaha, local slaughter.  
 Mayerowich, South Omaha, local slaughter.  
 Jno. Roth & Sons, South Omaha, local slaughter.  
 George Hoffman, South Omaha, local slaughter.

## Paterson, N. J. (population, 175,000):

Armour & Co., Paterson, branch house.  
 Swift & Co., Paterson, consignee, D. Fullerton & Co.  
 Morris & Co., Paterson, branch house.  
 Wilson & Co., Paterson, branch house.  
 H. Muhs & Co., Paterson, traveling salesman.  
 Cudahy Packing Co., Paterson, traveling salesman.  
 Meyer Bush, Newark, N. J., branch house.  
 J. J. Feilen, Philadelphia, branch house.  
 J. Debow, Newark, N. J., branch house.  
 Fleckenstein, Jersey City, wagon.  
 Fink, Newark, wagon.  
 Geo. W. Kinsey, Paterson, wagon.  
 Fred Bencler, Paterson, provision house.  
 E. Gerth, Paterson, provision house.  
 Swift & Co., Jersey City, packing house.  
 Newark Beef Co., Newark, N. J., traveling salesman.  
 Jacob Dold, Buffalo, car route.

## Pensacola, Fla. (population, 31,000):

Armour & Co., Pensacola, Fla., branch house.  
 Swift & Co., Pensacola, Fla., branch house.  
 Cudahy & Co., Pensacola, Fla., branch house.  
 Wilson & Co., Pensacola, Fla., branch house.  
 Morgan Stock & Ice Co., Pensacola, Fla., wholesale butchers.



## Pensacola, Fla.—Continued.

Lewis Bear Co., Pensacola, Fla., consignee.  
 Bonacker Bros., Pensacola, Fla., brokers.  
 Morris & Co., Pensacola, Fla., branch.  
 F. P. Levy, Pensacola, Fla., brokers.  
 Chipley Packing Co., Chipley, Fla., traveling salesman.  
 Morrell & Co., Mobile, Ala., traveling salesman.  
 St. Louis Independent Packing Co., traveling salesman.  
 Brockman Packing Co., Pensacola, Fla., wholesale butchers.  
 Jno. C. Roth Packing Co., traveling salesman

## Philadelphia, Pa. (population, 1,823,779):

Armour & Co., Philadelphia, Pa., six branch houses.  
 Swift & Co., Philadelphia, Pa., six branch houses.  
 Morris & Co., Philadelphia, Pa., four branch houses.  
 Wilson & Co., Philadelphia, Pa., three branch houses.  
 J. J. Felin & Co., Philadelphia, Pa., packing house.  
 G. F. Pfund & Son, Philadelphia, Pa., packing house.  
 Louis Burk, Philadelphia, Pa., packing house.  
 F. G. Vogt & Son, Philadelphia, Pa., packing house.  
 Geo. Housman & Son, Philadelphia, Pa., packing house.  
 Wm. Noland Sons, Philadelphia, Pa., packing house.  
 Standard Provision Co., Philadelphia, Pa., packing house.  
 B. S. Pincus, Philadelphia, Pa., packing house.  
 Wilson-Martin Co., Philadelphia, Pa., packing house.  
 Kingan Provision Co., Philadelphia, Pa., branch house.  
 Cudahy Packing Co., Philadelphia, Pa., branch house.  
 W. A. Miller & Co., Philadelphia, Pa., branch house, consignee.  
 T. N. Sinclair & Co. (Ltd.), Philadelphia, Pa., branch house.  
 Wilson & Rogers, Philadelphia, Pa., branch house.  
 Libby, McNeill & Libby, Philadelphia, Pa., branch house.  
 J. Morrell & Co., Philadelphia, Pa., branch house.  
 Consolidated Dressed Beef Co., Philadelphia, Pa., packing house.  
 H. C. Derby Co., Philadelphia, Pa., packing house.

## Pittsburgh, Pa. (population, 800,000):

Armour & Co., Pittsburgh, branch house.  
 Hammond Packing Co., Pittsburgh, branch house.  
 Swift & Co., Pittsburgh, 2 branch houses.  
 Morris & Co., Pittsburgh, 2 branch houses.  
 Cudahy Packing Co., Pittsburgh, 3 branch houses.  
 Wilson & Co., Pittsburgh, branch house.  
 Kingan & Co., Pittsburgh, branch house.  
 St. Louis Independent Packing Co., Pittsburgh, branch house.  
 Pittsburgh Provision & Packing Co., Pittsburgh, branch house.  
 Wm. Zoller Co., Pittsburgh, packing house.  
 Dunlevy Franklin Packing Co., Pittsburgh, packing house.  
 J. M. Donholm & Bros., Pittsburgh, packing house.  
 Fried & Reinemann Packing Co., Pittsburgh, packing house.  
 Henry Lohrey Co., Pittsburgh, packing house.  
 F. J. Kuhn, Pittsburgh, packing house.  
 Jno. Sailer Co., Pittsburgh, packing house.  
 N. S. Packing Co., Pittsburgh, packing house.  
 Peters Packing Co., McKeesport, Pa., packing house.  
 Sun Packing Co., Pittsburgh, Pa., packing house.  
 Wm. H. Zoller, Pittsburgh, Pa., packing house.

## Portland, Me. (population, 60,000):

Armour & Co., Portland, Me., branch house.  
 Swift & Co., Portland, Me., branch house.  
 Morris & Co., Portland, Me., branch house.  
 Cudahy Packing Co., Portland, Me., branch house.  
 J. P. Squire & Co., Portland, Me., branch house.  
 Cummings Bros., Portland, Me., consignee.  
 North Packing Co., Boston, Mass., resident salesman.  
 J. P. Squire & Co., Boston, Mass., resident salesman.  
 Morrell & Co., Boston, Mass., traveling salesman.  
 John Kern, Portland, Me., sausage factory.  
 Schonland Bros., Portland, Me., sausage factory.  
 Henry Bock, Portland, Me., sausage factory.

## Poughkeepsie, N. Y. (population, 32,714):

Morris & Co., Poughkeepsie, branch house.  
 Swift & Co., Newburgh, N. Y., traveling salesman.  
 Swift & Co., Jersey City, traveling salesman.  
 Jacob Dold, Buffalo, car route.  
 Jacob Forst, Kingston, N. Y., traveling salesman.  
 Harry Booth, Poughkeepsie, slaughter house.  
 S. Beskin, Poughkeepsie, slaughter house.  
 M. Cordier, Poughkeepsie, slaughter house.  
 Knauss Provision Co., Poughkeepsie, slaughter house.  
 C. & O. Kirschner, Poughkeepsie, slaughter house.  
 Wilson & Co., Poughkeepsie, car route.

## Providence, R. I. (population, 265,000):

Armour & Co., Providence, R. I., branch house.  
 Swift & Co., Providence, R. I., branch house.  
 Wilson & Co., Providence, R. I., branch house.  
 N. Morris & Co., Providence, R. I., branch house.  
 Cudahy & Co., Providence, R. I., branch house.  
 Whatcheer Beef Co., Providence, R. I., consignee.  
 J. F. Comstock & Son, Providence, R. I., consignees, Swift & Co.  
 Roberts & Oakes, Providence, R. I., brokers and jobbers.  
 Hornstein Bros., Providence, R. I., brokers and jobbers.  
 F. O. Gardiner, Providence, R. I., brokers and jobbers.  
 F. M. Tuell, Providence, R. I., brokers and jobbers.  
 Edwards & Walker, Providence, R. I., brokers and jobbers.  
 Wilfrid Sidebottom, Providence, R. I., brokers and jobbers.  
 J. P. Squire & Co., Providence, R. I., branch house.  
 J. Dold Packing Co., Providence, R. I., car route.  
 Kimball & Colwell, Providence, R. I., pork packers.  
 Parker Webb Co., Providence, R. I., brokers.  
 Comstock & Co., Providence, R. I., sausage manufacturers.  
 Olneyville Provision Co., Providence, R. I., sausage manufacturers.  
 Schott & Suter Co., Providence, R. I., sausage manufacturers.  
 Anderson Bros., Providence, R. I., sausage manufacturers.  
 J. W. Martin, Providence, R. I., sausage manufacturer.  
 Eastern Beef Co., Providence, R. I., jobbers.

## Richmond, Va. (population, 172,000):

Armour & Co., Richmond, branch house.  
 Swift & Co., Richmond, branch house.  
 Morris & Co., Richmond, branch house.  
 Wilson & Co., Richmond, branch house.  
 Kingan & Co., Richmond, slaughterers.  
 Forbes & Co., Richmond, slaughterers.  
 Patrick Young Co., Richmond, packer.  
 Kastelburg Sons, Richmond, slaughterers.  
 Jaseb Shafer, Baltimore, Md., slaughterer.  
 Greenwald, Baltimore, Md., traveling salesman.  
 Schlederberger Sons, Baltimore, Md., traveling salesman.  
 Richmond Abattoir, Richmond, slaughterer.  
 Cochran Hill Co., Baltimore, traveling salesman.  
 Libby, McNeill & Libby, Richmond, traveling salesman.  
 Boyd Packing Co., Richmond, packers.  
 Southern Lard & Provision Co., Norfolk, Va., traveling salesman.  
 Cincinnati Abattoir Co., Richmond, broker.  
 Procter & Gamble, Richmond, branch house.  
 N. K. Fairbanks Co., Richmond, broker.  
 Columbia Hotel Supply Co., Washington, D. C.  
 Bushman Co., New York, traveling salesman.  
 Cudahy Packing Co., Chicago, traveling salesman.  
 J. P. Squire, Boston, broker.  
 Christian & Co., Johnson Creek, Wis., broker.  
 Richmond Dairy Co., Richmond, butter manufacturer.  
 Layton Co., Philadelphia, traveling salesman.  
 Keith, Boston, traveling salesman.  
 American Glue Co., New York City, traveling salesman.  
 United States Glue Co., New York City, traveling salesman.  
 Delaney Co., New York City, traveling salesman.



## Richmond, Va.—Continued.

Kirkman & Son, New York City, traveling salesman.  
 J. B. Stanley, New York City, traveling salesman.  
 Globe Soap Co., Cincinnati, traveling salesman.  
 Colgate Co., New York City, traveling salesman.  
 J. H. Smith, Chicago, traveling salesman.  
 Cleveland Fruit Juice Co., Cleveland, traveling salesman.  
 National Ammonia Co., Chicago, traveling salesman.  
 Buer Co., St. Louis, traveling salesman.  
 Christo Manufacturing Co., Richmond, traveling salesman.  
 Russia Cement Co., New York City, traveling salesman.  
 C. F. Sauer Co., Richmond, traveling salesman.

## Roanoke, Va. (population, 34,874):

Armour & Co., Roanoke, Va., branch house.  
 Morris & Co., Roanoke, Va., branch house.  
 Swift & Co., Roanoke, Va., branch house.  
 Wilson & Co., Roanoke, Va., branch house.  
 Brown Abbatoir, Roanoke, Va., branch house.  
 Procter & Gamble, Cincinnati, Ohio, traveling salesman.  
 Southern Cotton Oil Co., Savannah, Ga., broker.  
 Jacob Dold, Buffalo, traveling salesman.  
 Kingan & Co., Richmond, Va., traveling salesman.  
 Griggs Packing Co., Roanoke, Va., branch house.  
 Cochran Hill & Co., Baltimore, Md., traveling salesman.  
 Miller & Hart, Chicago, Ill., traveling salesman.  
 Roberts & Oakes, Chicago, Ill., traveling salesman.  
 W. S. Forbes & Co., Richmond, Va., traveling salesman.  
 Blue Ridge Provision Co., broker.

## Rochester, N. Y. (population, 300,000):

Armour & Co., Rochester, N. Y., branch house.  
 Wilson & Co., Rochester, N. Y., branch house.  
 Morris & Co., Rochester, N. Y., branch house.  
 Swift & Co., Rochester, N. Y., consignee.  
 Indianapolis Abbatoir, Rochester, N. Y., car route.  
 Cleveland Provision Co., Cleveland, car route.  
 Dold Packing Co., Buffalo, car route.  
 Denahy Packing Co., Buffalo, car route.  
 Klinck Packing Co., Buffalo, car route.  
 Morrell & Co., car route.  
 Parker Webb, Detroit, traveling salesman.  
 N. E. Dr. Sheep & Wool Co., Buffalo, traveling salesman.  
 Rochester Packing Co., Rochester, N. Y., packing house.  
 Rochester Hide & Tallow Co., Rochester, N. Y., beef killing plant.  
 Dan Sampson, Rochester, N. Y., beef killing plant.  
 C. Koehlein, Rochester, N. Y., beef killing plant.

## St. Joseph, Mo. (population, 77,519):

Armour & Co., St. Joseph, Mo., branch house.  
 Swift & Co., St. Joseph, Mo., branch house.  
 Morris & Co., St. Joseph, Mo., branch house.  
 Morrell & Co., St. Joseph, Mo., resident salesman.  
 Swift & Co., South St. Joseph, packing house.  
 Seitz Packing & Manufacturing Co., St. Joseph, packing house.  
 Wilson & Co., St. Joseph, resident salesman.  
 Cudahy Packing Co., St. Joseph, resident salesman.  
 Dugdale, John, St. Joseph, packing house.  
 Midwest Sausage Works, St. Joseph, packing house.  
 McKnight & Co., South St. Joseph, packing house.  
 Wolf Packing Co., St. Joseph, resident salesman.  
 Morton Gregson, St. Joseph, resident salesman.  
 Leavenworth Packing Co., St. Joseph, resident salesman.

## St. Louis, Mo. (population, 772,897):

Armour & Co., St. Louis, Mo., one branch house.  
 Swift & Co., St. Louis, Mo., four branch houses.  
 Morris & Co., St. Louis, Mo., five branch houses.  
 Wilson & Co., St. Louis, Mo., one branch house.  
 Cudahy Packing Co., St. Louis, Mo., branch house.  
 St. Louis Independent Packing Co., St. Louis, Mo., packing house.

## St. Louis, Mo.—Continued.

Carondelet Packing Co., St. Louis, Mo., packing house.  
 Fisher Meat Co., St. Louis, Mo., traveling salesman.  
 Herzog Packing Co., St. Louis, Mo., traveling salesman.  
 Heil Packing Co., St. Louis, Mo., traveling salesman.  
 Kreu Packing Co., St. Louis, Mo., traveling salesman.  
 American Packing Co., St. Louis, Mo., packing house.  
 R. C. Wuestling, St. Louis, Mo., slaughterhouse.  
 M. Courtney, St. Louis, Mo., slaughterhouse.  
 Kaiser Packing Co., St. Louis, Mo., slaughterhouse.  
 John Gruenfelder, St. Louis, Mo., slaughterhouse.

## San Antonio, Tex. (population, 162,000):

Armour & Co., San Antonio, branch house.  
 Swift & Co., San Antonio, branch house.  
 Morris & Co., San Antonio, branch house.  
 Union Meat Co., San Antonio, packing house.  
 Alamo Corn Beef Co., San Antonio, packing house.  
 Apache Packing Co., San Antonio, packing house.  
 Texas Refining Co., San Antonio, refinery.  
 Armstrong Packing Co., San Antonio, broker.  
 Houston Packing Co., broker.  
 Hormel & Co., San Antonio, jobber.  
 San Antonio Packing Co., San Antonio, packing house.  
 Wilson & Co., San Antonio, branch house.  
 Cohen & Co., San Antonio, packing house.  
 J. T. Hamner, San Antonio, sausage factory.  
 Heck Dressed Beef Co., San Antonio, local butcher.  
 Wolfe Bros., San Antonio, local butcher.  
 G. Villareal, San Antonio, local butcher.

## San Francisco, Calif. (population, 500,000):

Armour & Co., San Francisco, branch house.  
 Kingan & Co., San Francisco, branch house.  
 Cudahy & Co., San Francisco, branch house.  
 Swift & Co., San Francisco, branch house.  
 Frye & Co., San Francisco, branch house.  
 Morris & Co., San Francisco, branch house.  
 Virden Packing Co., San Francisco, branch house.  
 Western Meat Co., San Francisco, packing house.  
 Miller & Lux, San Francisco, packing house.  
 Roth-Blum Packing Co., San Francisco, packing house.  
 South San Francisco Packing Co., San Francisco, packing house.  
 Libbey, McNeill & Libby, San Francisco, branch house.  
 Morrell & Co., San Francisco, traveling salesman.  
 Barton & Co., San Francisco, broker.  
 Ogden Packing Co., San Francisco, branch house.  
 Virden Packing Co., South San Francisco, packing house.  
 Carstens Packing Co., San Francisco, broker

## Savannah, Ga. (population, 65,064):

Armour & Co., Savannah, branch house.  
 Swift & Co., Savannah, branch house.  
 Wilson & Co., Savannah, branch house.  
 Morris & Co., Savannah, branch house.  
 Cudahy & Co., Savannah, branch house.  
 Sam Friedman, Savannah, local slaughterer.  
 White Provision Co., Savannah, broker.  
 Frank Sloat, Savannah, broker.  
 C. H. Skipper, Savannah, slaughterhouse.  
 J. C. Shore, Savannah, local slaughterer.  
 Swift & Co., Moultrie, packing house.  
 Savannah Abattoir Packing Co., Savannah, packing house.  
 Rabhan & Co., Savannah, local slaughterer.  
 S. A. Kantzipper, Savannah, broker.  
 Ozburn & Hartmen, Savannah, broker.

## Scranton, Pa. (population, 129,867):

Armour & Co., Scranton, branch house.  
 Swift & Co., Scranton, branch house.  
 Morris & Co., Scranton, branch house.



## Scranton, Pa.—Continued.

Cudahy & Co., Scranton, branch house.  
 Wilson & Co., Scranton, branch house.  
 Scranton Beef Co., Scranton, consignee.  
 Stowers, P. P. & P. Co., Scranton, packing house.  
 Jacob Dold & Co., Scranton, local office car route.  
 Morrell & Co., Scranton, local office car route.  
 Geo. Kern, Scranton, provisions salesman.  
 Blume Provision Co., Scranton, provisions salesman.  
 Reading Abattoir, Scranton, provision salesman.  
 Shenandoah, Scranton, provisions salesman.  
 Hormel, Scranton, provisions salesman.  
 Max Chapman, Scranton, consignee car route.  
 Sheak Bros., Scranton, traveling salesman.  
 Ruban Provision Co., Scranton, traveling salesman.  
 Klink & Co., Scranton, traveling salesman.  
 Rath Packing Co., Scranton, broker.  
 Stowers, P. P. & P. Co., Scranton, slaughterer.  
 Diamond City Beef Co., Scranton, branch house.  
 Rozwell O. Wiland, Scranton, traveling salesman.  
 Kelly & Liveinski, Scranton, traveling salesman.  
 Allied-Packers, Scranton, traveling salesman.

## Shreveport, La. (population, 45,000):

Armour & Co. (Ltd.), Shreveport, branch house.  
 Swift & Co., Shreveport, branch house.  
 Cudahy Packing Co., Shreveport, branch house.  
 Morris & Co., Shreveport, branch house.  
 Shreveport Packing Co., Shreveport, local concern.  
 Wilson & Co., Shreveport, branch house.  
 Decker & Sons, Texarkana, Tex., traveling salesman.  
 Armstrong Packing Co., Dallas, Tex., traveling salesman.  
 Hormel & Co., Austin, Minn., jobbers.  
 Houston Packing Co., Houston, Tex., traveling salesman.  
 Jacob Dold, Shreveport, broker.  
 Wolf Packing Co., Shreveport, car route.

## Springfield, Mass. (population, 129,338):

Armour & Co., Springfield, Mass., branch house.  
 Morris & Co., Springfield, Mass., branch house.  
 Wilson & Co., Springfield, Mass., branch house.  
 Brightwood Dressed Beef Co., Springfield, Mass., packers.  
 George Nye Co., Springfield, Mass., packers.  
 Springfield Provision Co., Springfield, Mass., packers.  
 H. L. Handy Co., Springfield, Mass., wholesale meat.  
 A. C. Hunt & Co., Springfield, Mass., wholesale meat.

## Tampa, Fla. (population, 65,000):

Armour & Co., Tampa, Fla., branch house.  
 Swift & Co., Tampa, Fla., branch house.  
 Kingan & Co., Tampa, Fla., traveling salesman.  
 Smith, Richardson & Conroy, Tampa, Fla., traveling salesman.  
 Tampa Packing Co., Tampa, Fla., slaughterhouse.  
 Worth & Hendry, Tampa, Fla., slaughterhouse.  
 Cudahy Packing Co., Tampa, Fla., salesman.  
 Morris & Co., Tampa, Fla., traveling salesman.  
 Wilson & Co., Tampa, Fla., car route.  
 Independent Packing Co., Tampa, Fla., car route.  
 Rath Packing Co., Tampa, Fla., broker.  
 Evansville Packing Co., Tampa, Fla., broker.  
 Armstrong Packing Co., Tampa, Fla., broker.  
 Independent Packing Co., Chicago, broker.  
 Hormel Packing Co., Tampa, Fla., broker.  
 Arnold, Chicago, broker.

## Toledo, Ohio (population, 246,000):

Armour & Co., Toledo, Ohio, branch house.  
 Swift & Co., Toledo, Ohio, branch house.  
 N. Morris, Toledo, Ohio, branch house.  
 Jacob Folger, Toledo, Ohio, packing house.  
 A. Fuedy & Co., Toledo, Ohio, packing house.

## Toledo, Ohio—Continued.

B. A. Berry & Co., Toledo, Ohio, slaughterhouse.  
 Nich Carr, Toledo, Ohio, custom slaughter.  
 N. Russell & Co., Toledo, Ohio, custom slaughter.  
 G. A. Haag & Co., Toledo, Ohio, commission house.  
 Carl Peterson & Co., Toledo, Ohio, commission house.  
 Van Wormer Bros., Toledo, Ohio, commission house.  
 Geo. Gradwahl, Toledo, Ohio, commission house.  
 Stautzenbach, Bowers & Taylor, Toledo, Ohio, commission house.  
 Wilson & Co., Chicago, Ill., traveling salesman.  
 Cudahy Bros., Milwaukee, Wis., traveling salesman.  
 Plankington & Co., Milwaukee, Wis., traveling salesman.  
 Hammond Standish, Detroit, Mich., traveling salesman.  
 Hammond Packing Co., Chicago, Ill., car route.  
 P. Pfaelzer & Co., Chicago, Ill., car route.  
 Sullivan Packing Co., Toledo, branch house.  
 Hammond Standish, West Toledo, packing house.

## Trenton, N. J. (population, 100,000):

Armour & Co., Trenton, N. J., branch house.  
 L. H. Stein & Co., Trenton, N. J., consignee, Armour & Co.  
 Swift & Co., Trenton, N. J., branch house.  
 Morris & Co., Trenton, N. J., branch house.  
 Wilson & Co., Trenton, N. J., branch house.  
 Kingan & Co., Philadelphia, Pa., traveling salesman.  
 Cudahy, Philadelphia, Pa., traveling salesman.  
 D. B. Martin & Co., Philadelphia, Pa., traveling salesman.  
 Stern & Co., New York City, traveling salesman.  
 Abe Horwitz, Trenton, N. J., abattoir.  
 Morrell & Co., Philadelphia, Pa., branch house.  
 Consolidated Beef Co., Philadelphia, Pa., abattoir.  
 Armour & Co., Delaware Avenue, Philadelphia, Pa., branch house.  
 Swift & Co., Philadelphia, Pa., branch house.  
 Morton-Gregson Co., Nebraska City, traveling salesman.  
 Wilson & Rogers, Philadelphia, traveling salesman.  
 Felin & Co., Philadelphia, traveling salesman.  
 Fund, Philadelphia, traveling salesman.  
 Burk, Philadelphia, traveling salesman.  
 Goebel, A., Brooklyn, N. Y., traveling salesman.  
 Inter National Provision Co., Brooklyn, N. Y., traveling salesman.

## Troy, N. Y. (population, 76,816):

Armour & Co., Troy, N. Y., branch house.  
 Swift & Co., Troy, N. Y., branch house.  
 Wilson & Co., Troy, N. Y., branch house.  
 Morris & Co., Troy, N. Y., branch house.  
 D. Zeiser, Troy, N. Y., independent.  
 Baker Beef Co., Green Island, N. Y., consignee, Cudahy.  
 Morrell & Co., Iowa, car route.  
 Jacob Dold, Buffalo, N. Y., car route.  
 Rarker Webb Co., Detroit, car route.

## Utica, N. Y. (population, 94,136):

Armour & Co., Utica, N. Y., branch house.  
 J. Dold & Co., Utica, N. Y., branch house.  
 A. Lees Sons, Utica, N. Y., branch house.  
 Swift & Co., Utica, N. Y., branch house.  
 Morris & Co., Utica, N. Y., branch house.  
 Wilson & Co., Utica, N. Y., branch house.  
 J. Morrell & Co., Utica, N. Y., car route.  
 Hornell & Co., Minneapolis, car route.  
 Kingan & Co., Syracuse, N. Y., traveling salesman.  
 A. A. Durr Packing Co., Utica, packing house.  
 A. Augar, Utica, local killers.  
 A. Ohl, Utica, local killers.  
 Klinck & Co., Utica, car route.  
 Rochester Packing Co., Rochester, N. Y., traveling salesman.

## Waco, Tex. (population, 40,000):

Armour & Co., Waco, branch house.  
 Swift & Co., Waco, branch house.  
 Morris & Co., Waco, branch house.



## Waco, Tex.—Continued.

Armstrong Packing Co., Waco, car route.  
 Robinson Packing Co., Waco, branch house.  
 A. Berlowitz, Waco, local slaughterers.  
 Cooper Grocery Co., Waco, traveling salesman.  
 Meadows Grocery Co., Waco, traveling salesman.  
 F. A. Waldrop, Waco, local slaughterer.

## Washington, D. C. (population, 395,000):

Brooke Young, Washington, D. C., broker.  
 F. L. Ergood, Washington, D. C., broker.  
 F. L. Davidson, Washington, D. C., broker.  
 J. Phillips, Washington, D. C., traveling salesman.  
 Old Dutch Market, Washington, D. C., abattoir.  
 Rosslyn Packing Co., Washington, D. C., traveling salesman.  
 Armour & Co., Washington, D. C., two branch houses.  
 N. Auth Provision Co., Washington, D. C., abattoir.  
 Leon Arnold, Washington, D. C., abattoir.  
 Capitol Refining Co., Washington, D. C., refinery.  
 ✓ Cochran Hill Co., Washington, D. C., traveling salesman.  
 Cudahy Packing Co., Washington, D. C., branch house.  
 Golden & Co., Washington, D. C., local jobber.  
 T. T. Keane, Washington, D. C., abattoir.  
 Kingan & Co., Washington, D. C., branch house.  
 A. Loeffler, Washington, D. C., abattoir.  
 Morris & Co., Washington, D. C., branch house.  
 Wilson & Co., Washington, D. C., branch house.  
 Jos. Phillips Co., Washington, D. C., traveling salesman.  
 ✓ Jacob Shafer, Baltimore, traveling salesman.  
 ✓ Greenwood Packing Co., Baltimore, traveling salesman.  
 W. S. Forbes, Richmond, broker.  
 Swift & Co., Washington, D. C., branch house.

## Waterbury, Conn. (population, 92,000):

Armour & Co., Waterbury, branch house.  
 Swift & Co., Waterbury, branch house.  
 Morris & Co., Waterbury, branch house.  
 Cudahy Packing Co., Waterbury, car route.  
 Wilson & Co., Waterbury, car route.  
 Morrell & Co., Waterbury, car route.  
 Dold, Waterbury, car route.

## Wilkes-Barre, Pa. (population, 67,105):

Armour & Co., Wilkes-Barre, branch house.  
 Wilkes-Barre Beef Co., Wilkes-Barre, consignee.  
 Morris & Co., Wilkes-Barre, branch house.  
 Swift & Co., Wilkes-Barre, branch house.  
 Wilson & Co., Wilkes-Barre, traveling salesman.  
 Wyoming Valley Beef Co., Wilkes-Barre, consignee.  
 Alinikoff & Hershovitz, Wilkes-Barre, slaughterhouse.  
 Dimond City Beef Co., Wilkes-Barre, branch house.  
 Lehigh Beef Co., Wilkes-Barre, branch house.  
 Jacob Dold Packing Co., Wilkes-Barre, branch house.

## Wilmington, N. C. (population, 33,002):

Armour & Co., Wilmington, branch house.  
 Swift & Co., Wilmington, branch house.  
 Morris & Co., Wilmington, branch house.  
 Cudahy Packing Co., Wilmington, broker.  
 Carolina Packing Co., Wilmington, slaughterhouse.  
 Horner Packing Co., Wilmington, broker.

## Winston-Salem, N. C. (population, 50,000):

Armour & Co., Winston-Salem, branch house.  
 Morris & Co., Winston-Salem, branch house.  
 Swift & Co., Winston-Salem, branch house.  
 Kingan & Co., Richmond, Va., car route.  
 Wilson & Co., Richmond, Va., car route.  
 W. S. Forbes & Co., Richmond, Va., traveling salesman.  
 Patrick Young, Richmond, Va., traveling salesman.  
 Hatley Bros., Chicago, Ill., broker.  
 Saludeberger & Sons, Baltimore, Md., traveling salesman.

## Worcester, Mass. (population, 250,000):

Armour & Co., Worcester, Mass., branch house.  
 Swift & Co., Worcester, Mass., branch house.  
 Cudahy, Worcester, Mass., branch house.  
 Morris & Co., Worcester, Mass., branch house.  
 J. P. Squire, Worcester, Mass., branch house.  
 M. Jacobson & Sons, Worcester, Mass., slaughterhouse.  
 Wilson & Co., Boston, Mass., traveling salesman.  
 Atlantic Lard Co., Brooklyn, N. Y., traveling salesman.  
 W. E. Barnes, Boston, Mass., traveling salesman.  
 John Morrell, Ottumwa and Boston, traveling salesman.  
 H. L. Handy, Springfield, traveling salesman.  
 C. A. Baldwin, Boston, Mass., traveling salesman.  
 P. G. Gray, Boston, Mass., traveling salesman.  
 G. W. D. Legg, Boston, Mass., traveling salesman.  
 Parker Webb, Boston, Mass., traveling salesman.  
 New Eng. Dtr. Mt. & Wool Co., Boston, Mass., traveling salesman.  
 White, Pevey & Dexter, Worcester, Mass., packing house.  
 Sperry & Barnes, New Haven, Conn., traveling salesman.  
 T. H. Sinclair, Boston, Mass., branch house.  
 Proctor & Gamble, Cincinnati, Ohio, broker.  
 B. K. Fairbanks, Chicago, traveling salesman.  
 Batchelder & Snyder, Boston, Mass., traveling salesman.  
 Jacob Dold, Buffalo and Boston, traveling salesman.  
 Boston Brokers, Boston, Mass., brokers.  
 Roberts & Oakes, Providence, R. I., phone.  
 Boston Sausage & Provision Co., Worcester, Mass., traveling salesman.  
 Buffalo Beef Co., Worcester, Mass., traveling salesman.  
 Worcester Beef Co., Worcester, Mass., traveling salesman.

## Yonkers, N. Y. (population, 100,000):

Armour & Co., Yonkers, N. Y., branch house.  
 Swift & Co., Yonkers, N. Y., branch house.  
 Morris & Co., Yonkers, N. Y., branch house.  
 Cudahy, New York, branch house.  
 United Dressed Beef Co., New York, abattoir.  
 Wilson & Co., New York, abattoir.  
 Morrell & Co., New York, branch house.  
 Van Dusen, Hudson, N. Y., packing house.  
 Sperry & Barnes, New Haven Conn., packing house.  
 Connor Bros., West Avenue, New York, packing house.  
 Jos. Stern, New York City, abattoir.  
 Sinclair Packing Co., New York City, packing house.

## Youngstown, Ohio (population, 250,000):

Armour & Co., Youngstown, branch house.  
 Swift & Co., Youngstown, branch house.  
 Morris & Co., Youngstown, branch house.  
 Cleveland Provision Co., Cleveland, consignee.  
 Youngstown Provision Co., Youngstown, packing house.  
 Wilson & Co., Chicago, Ill., car route.  
 Cudahy Packing Co., Youngstown, branch house.  
 J. Dold Packing Co., Buffalo, car route.  
 The Hughes Provision Co., Cleveland, consignee.  
 Long Dressed Provision Co., Cleveland, local freight.  
 L. Zimmerman, Youngstown, slaughterhouse.  
 Sol. Schagrin, Youngstown, slaughterhouse.  
 Weitz Bros., Bubbard, Ohio, slaughterhouse.  
 Independent Packing Co., Chicago, Ill., car route.  
 Hammond Standish Co., Detroit, local freight.  
 Ohio Provision Co., Cleveland, local freight.  
 Blumenstock Reid Co., Cleveland, local freight.  
 Schafner Bros., Erie, Pa., packing house.  
 Independent Packing Co., St. Louis, packing house.



## TRADE DIRECTORY OF PACKERS AND SLAUGHTERERS IN THE UNITED STATES.

[This information is taken from the Packers' Encyclopedia, Blue Book, of the American Meat Packing and Allied Industries, published by the National Provisioner, Chicago, 1922.]

The following is quoted from the Packers' Encyclopedia, Blue Book, in regard to trade directory of packers and slaughterers:

"No attempt at a comprehensive trade directory of the packing house and allied industries has been made up to this time. In gathering the data contained in this directory section every effort has been made to obtain accurate and reasonably representative information. Data listed is that provided by the concerns themselves. It should be remembered that changes constantly are taking place and that this directory information is of the date of publication of this edition.

"The packers' and slaughterers' section contains the names of the slaughtering establishments, or what is commonly defined as packing establishments. Butchers killing only for their own consumption in small quantities have not been listed as packers, but primarily those who do a wholesale business and also slaughter and pack for others. Wholesale meat and provision dealers, wholesale sausage makers, and other dealers in allied products are listed in a subsequent section.

"It must be borne in mind that a greater part of the information has been furnished voluntarily by officials of the various packing companies. Information blanks are mailed to every packer in the United States, and those who are not fully listed have not complied with the request for information. As this is the first and only directory of its kind, a few packers seem to have been reluctant to give information.

"Capacities given are weekly killing capacities. Some packers have furnished information which seems to be the actual killing per week, leading to the conclusion that at the time of the report they were not killing to capacity."

*Trade directory.*

Place.	Concern.	Capital.	Average weekly killing capacity.		
			Cattle.	Hogs.	Sheep.
ALABAMA.					
Andalusia.....	Swift & Co.....				
Anniston.....	Anniston Packing Co.....				
Birmingham.....	Alabama Packing Co.....	\$50, 000			
Do.....	Birmingham Packing Co.....	100, 000	600	1, 500	
Newton.....	Brewton Packing Co.....				
Gadsden.....	Jones Abattoir Co.....				
Huntsville.....	Municipal Abattoir.....				
Mobile.....	Haas-Davis Packing Co.....				
Montgomery.....	Union Slaughterhouse Co.....	6, 000	500	1, 000	50
Selma.....	Selma Slaughterhouse Co.....				
ARIZONA.					
Bisbee.....	R. H. Mason Slaughterhouse.....				
Do.....	Hogan & Eyzware.....				
Camp Verde.....	Len Young.....				
Globe.....	Bonne's Market.....		100	50	50
Humboldt.....	Arctic Ice & Meat Co., also branch at Mayer).				
Jerome.....	Jerome Meat Co. (also branch at Clarksdale).				
Kirkland.....	L. J. Haselfeld.....				
Phoenix.....	Arizona Packing Co.....	1, 662, 900	1, 800	6, 000	6, 000
Do.....	Tribolet Packing Co.....				
Tucson.....	Young Bros.....				
ARKANSAS.					
Jonesboro.....	Jonesboro Ice Co.....	<sup>1</sup> 150, 000	60	75	25
Little Rock.....	Little Rock Packing Co.....	<sup>1</sup> 50, 000	100	300	400
CALIFORNIA.					
Anaheim.....	Anaheim Beef Co.....				
Bakersfield.....	Kern Co. Land Co.....				
El Dorado.....	Farmers' Exchange Packing Co.....				
Emeryville.....	Alden & Agnew.....				
Eureka.....	Russ Market Co.....	200, 000	40	40	70
Fort Bragg.....	Noyo Land & Cattle Co.....				

<sup>1</sup> Authorized capital.

## Trade directory—Continued.

Place.	Concern.	Capital.	Average weekly killing capacity.		
			Cattle.	Hogs.	Sheep.
CALIFORNIA—contd.					
Imperial.....	Pacific Land & Cattle Co.....	\$201,300	100	100	75
Isleton.....	Isleton Meat Market.....		10	20	20
Los Angeles.....	California Dressed Beef Co.....	1 500,000	1,200	2,500	2,500
Do.....	California Packing Co.....				
Do.....	Hauser Packing Co.....	500,000	3,750	6,000	1,200
Do.....	H. F. Lewis Packing Co.....	100,000	600	800	1,000
Do.....	Los Angeles Packing Co.....	25,000	200	600	600
Do.....	Newmarket's Co.....		1,500	2,000	2,000
Do.....	Standard Packing Co.....	10,000	650	1,200	1,800
Do.....	Woodward Bennett Co.....	350,000	1,700	2,000	8,000
Do.....	Wilson & Co.....				
Maricopa.....	West Side Market.....				
Needles.....	Frank C. Sota.....		50	20	20
Oakland.....	Golden West Meat & Packing Co.....	200,000	350	1,200	5,500
Do.....	Grayson-Owen Packing Co.....	1 300,000			
Do.....	Oakland Meat & Packing Co.....	500,000	500	350	1,000
Do.....	Steinbeck Co.....	100,000	300	500	1,000
Do.....	Oakland Abattoir Co.....				
Do.....	Lewis & McDermott.....				
Do.....	Lewis Schaffer & Sons.....				
Do.....	U. M. Slater (Inc.).....				
Oroville.....	Johnson & Openshaw.....				
Pomona.....	San Antonio Meat Co.....	75,000	200	200	200
Sacramento.....	C. Swanson & Son (Inc.).....	500,000	600	1,000	1,000
Do.....	Mohr & York.....				
San Bernardino.....	Oehl Packing Co.....				
San Diego.....	Chas. S. Hardy.....		500	1,000	1,500
San Francisco.....	Buttgenbath & Co.....	16,200			
Do.....	Miller & Lux (Inc.).....	12,000,000	1,000	5,000	15,000
Do.....	H. Moffatt Co.....	50,000	250		1,200
Do.....	Roth Blum Packing Co.....		650	2,900	10,000
Do.....	Western Meat Co.....	2,500,000	900	4,500	10,000
Do.....	South San Francisco Packing & Provision Co.....	200,000		1,800	
Do.....	Virden Packing Co.....	5,000,00	1,000	4,000	2,000
Do.....	McIntyre Packing Co.....				
Do.....	Roth, Winter & Walsh.....				
Do.....	Wm. Taafe Co.....				
Do.....	J. G. Johnson.....				
Do.....	Henry Levy & Co.....				
Do.....	Sumski & Harband.....				
San Pedro.....	Nielson & Kittle Canning Co. (Ltd.).....	704,000			
Santa Barbara.....	F. N. Gehl Packing Co.....	50,000	130	150	400
Do.....	Santa Barbara Packing Co.....	100,000	45	50	100
Santa Paulo.....	Santa Paulo Packing Co.....				
Do.....	J. W. Barker.....				
Sanger.....	Sanger Meat Market.....				
Sebastopol.....	Sebastopol Meat Co.....				
Susanville.....	Sierra Packing Co.....				
Suisan.....	Sacovalley Meat, Canning, & Provision Co.....	1 500,000	300	300	500
COLORADO.					
Alamosa.....	Creek Packing Co.....		50	100	25
Colorado Springs.....	Coloh's Packing Co.....	90,030	125	200	500
Denver.....	Armour & Co.....				
Do.....	Burkhardt Packing & Provision Co.....	71,500			
Do.....	Coffin Packing & Provision Co.....	250,000	800	2,500	500
Do.....	Geuting-Nuckolls Packing Co.....				
Do.....	Liberty Packing & Provision Co.....	150,000	350		1,000
Do.....	Midwest Packing Co.....				
Do.....	Mountain States Packing Co.....	200,000	750	1,500	500
Do.....	Edw. W. Sargent.....	1 50,000			
Do.....	Swift & Co.....				
Grand Junction.....	Grover Packing Co.....	70,000	200	600	100
Do.....	Rettig Packing Co.....	1 100,000	400	600	100
Monte Vista.....	Busch-Nelson Meat Co.....				
Pueblo.....	Nuckolls Packing Co.....	631,000	750	3,000	500
Rocky Ford.....	B. F. Stauffer.....		25	100	10
Sterling.....	Sterling Packing Co.....				
Telluride.....	Consumers Packing Co.....	1 2,000	20	30	20
Walsenburg.....	S. Schafer Packing Co.....	21,000	60	300	450

1 Authorized capital.



## Trade directory—Continued.

Place.	Concern.	Capital.	Average weekly killing capacity.		
			Cattle.	Hogs.	Sheep.
CONNECTICUT.					
Hartford.....	East Side Hide Co.....				
Do.....	Hartford Provision Co.....	\$30,000	150	500	140
New Haven.....	The Sperry & Barnes Co.....	1,300,000		2,500	
DELAWARE.					
Wilmington.....	Beste Provision Co.....	175,000	200		
Do.....	John Frederick.....				
Do.....	Hurt & Bro. Co.....				
Do.....	Johnson & Bro.....				
Do.....	Mammele & Son, Chas. C.....				
Do.....	Wilckens-Saats Co.....				
Do.....	Wilmington Provision Co.....	285,000	200	3,000	300
Do.....	Zimmerman, Jacob.....				
DISTRICT OF COLUMBIA.					
Washington.....	Golden Co.....				
Do.....	Henning, Joseph.....				
Do.....	A. Loffler Provision Co.....	120,000	75	1,500	200
Do.....	Ostman, Bernard.....				
Do.....	Swindell & Son, S.....				
Benning.....	N. Auth Provision Co.....				
Do.....	Washington Abattoir Co.....				
FLORIDA.					
Barstow.....	Polk County Packing Co.....		150	100	100
Chipley.....	Chipley Packing Co.....				
Jacksonville.....	Armour & Co.....				
Do.....	Farris & Co.....				
Do.....	Jones-Chambliss.....	90,000			
Pensacola.....	Brookman Packing Co.....				
Tampa.....	Hendry Bros. & Co.....				
Do.....	Lykes Bros. (Inc.).....				
Do.....	Tampa Packing Co.....				
GEORGIA.					
Albany.....	Municipal Abattoir.....				
Atlanta.....	Atlanta Butchers Abattoir Co.....				
Do.....	White Provision Co.....	600,000	600	5,000	
Augusta.....	Augusta Packing Co.....	15,050			
Lagrange.....	LaGrange Packing Co.....				
Macon.....	Macon Packing Co.....				
Moultrie.....	Moultrie Packing Co.....				
Savannah.....	Chatham Abattoir & Packing Co.....				
Do.....	Savannah Abattoir & Packing Co.....	100,000	300	1,000	
Statesboro.....	Statesboro Provision Co.....				
Waycross.....	Waycross Packing Plant.....	125,000	20	100	
IDAHO.					
Boise.....	Boise Butcher Co. (Ltd.).....	89,200	150	300	200
Do.....	Davis Meat Co.....	414,000	50	125	35
Do.....	Idaho Provision & Packing Co.....	48,100	100	150	200
Nagle.....	Boise Valley Packing Co.....	66,583			
Gooding.....	Gem State Packing Co.....				
Lewiston.....	W. H. Bristol Co.....	150,000	50	100	50
Do.....	Inland Meat Co.....	12,500	40	80	50
Moscow.....	Hagen & Cushing.....	75,000	100	1,000	200
Nampa.....	H. H. Heim Co.....		20	30-60	10
Do.....	King's Market.....		15	30	8
Pocatello.....	Idaho Packing Co.....	186,000			
Sandpoint.....	Bonner Meat Co.....				
Twin Falls.....	Independent Meat Co.....				
Wallace.....	Wallace Meat Co.....	61,600	100	150	150
ILLINOIS.					
Alton.....	Luer Bros. Packing & Ice Co.....	135,000			
Aurora.....	Fox River Packing Co.....	146,000	150	300	50
Bloomington.....	Holcomb Packing Co.....				
Cairo.....	E. Bucher Packing Co.....	150,000	150	1,000	

<sup>1</sup> Authorized capital.

## Trade directory—Continued.

Place.	Concern.	Capital.	Average weekly killing capacity.		
			Cattle.	Hogs.	Sheep.
ILLINOIS—continued.					
Chicago.....	Agar Packing Co.....	\$1,500,000	2,000	10,000	.....
Do.....	Armour & Co.....	210,000,000	135,150	313,500	214,000
Do.....	Allied Packers (Inc.).....	6,071,000	2,500	50,000	3,000
Do.....	Arnold Bros. Co.....	.....	.....	.....	.....
Do.....	Baker Food Products Co.....	.....	.....	.....	.....
Do.....	Beiersdorf & Bro.....	150,000	.....	1,200	.....
Do.....	Boyd, Lunham & Co.....	.....	.....	.....	.....
Do.....	Brennan Packing Co.....	1,100,000	.....	9,000	.....
Do.....	Chicago Bu. Packing Co.....	297,300	150	350	.....
Do.....	Chicago Packing Co.....	500,000	1,500	1,000	600
Do.....	City Abattoirs (Inc.).....	.....	.....	.....	.....
Do.....	Cudahy Packing Co.....	25,800,000	25,000	100,000	25,000
Do.....	Wm. Davies Co. (Inc.).....	.....	1,000	12,000	.....
Do.....	Foell Supply Co.....	.....	.....	.....	.....
Do.....	Fuhrman & Forster Co.....	250,000	.....	600	.....
Do.....	Gabel Packing Co.....	1,345,000	.....	800	.....
Do.....	Graver, Weller, Sachs Co.....	40,000	200	.....	.....
Do.....	Guggenheim Bros.....	700,000	3,000	.....	3,000
Do.....	G. H. Hammond Co.....	4,500,000	12,000	30,000	15,000
Do.....	Hately Bros. Co.....	850,000	75	6,000	300
Do.....	Illinois Meat Co.....	.....	.....	.....	.....
Do.....	Illinois Packing Co.....	1,600,000	1,800	.....	500
Do.....	Independent Packing Co.....	2,500,000	1,000	8,000	500
Do.....	Jourdon Packing Co.....	250,000	.....	.....	.....
Do.....	David Levi & Co. (Inc.).....	.....	2,500	.....	5,000
Do.....	Libby, McNeill & Libby.....	27,000,000	.....	.....	.....
Do.....	Maier & Co.....	65,000	.....	150	.....
Do.....	Manaster, Harry, & Bro.....	100,000	.....	.....	.....
Do.....	Oscar Mayer & Co.....	2,400,000	600	12,000	600
Do.....	Omaha Packing Co.....	500,000	.....	17,000	.....
Do.....	Morris & Co.....	40,000,000	33,800	138,000	60,600
Do.....	Louis Pfaelzer & Sons.....	.....	2,500	3,500	3,000
Do.....	E. K. Pond Co.....	125,000	.....	.....	.....
Do.....	Roberts & Oake.....	.....	.....	9,000	.....
Do.....	Rose Packing Co.....	.....	1,000	.....	1,000
Do.....	Standard Packing Co.....	.....	150	100	1,000
Do.....	Sterling Packing Co.....	100,000	.....	.....	.....
Do.....	Strasser Packing Co.....	.....	.....	5,000	.....
Do.....	Swift & Co.....	150,000,000	90,000	400,000	225,000
Do.....	United States Packing Co.....	100,000	.....	.....	.....
Do.....	Wilson & Co. (Inc.).....	12,000,000	29,500	105,000	48,500
Do.....	Vette & Zunker.....	.....	.....	250	.....
Do.....	Wimp Packing Co.....	200,000	875	.....	500
Clinton.....	Rundle Bros.....	.....	.....	.....	.....
Danville.....	Campbell Bros. Co.....	1,75,000	.....	.....	.....
Do.....	Ernst Packing Co.....	.....	100	250	.....
Decatur.....	Danzeisen Packing Co.....	50,000	100	250	25
East St. Louis.....	Armour & Co.....	.....	.....	.....	.....
Do.....	Circle Packing Co.....	.....	.....	.....	.....
Do.....	John Cole Packing Co.....	.....	.....	.....	.....
Do.....	Morris & Co.....	.....	.....	.....	.....
Do.....	Sheehan Packing Co.....	.....	.....	.....	.....
Do.....	Swift & Co.....	.....	.....	.....	.....
Do.....	United Packing Co.....	.....	.....	.....	.....
Do.....	East Side Packing Co.....	850,000	500	6,000	.....
Elgin.....	Kerber Packing Co.....	380,000	.....	.....	.....
Jacksonville.....	Powers-Begg & Co.....	150,000	200	2,000	.....
Madison.....	Frangoulis, John G.....	.....	.....	.....	.....
Do.....	Illinois Packing Co.....	.....	.....	.....	.....
Milan.....	Milan Produce Co.....	88,000	100	200	50
Mount Carmel.....	Wabash Valley Packing Co.....	.....	.....	.....	.....
Ottawa.....	Illinois Farmers' Packing Co.....	600,000	100	1,200	.....
Quincy.....	Quincy Packing Co.....	.....	.....	.....	.....
Rock Falls.....	Pippert Bros.....	.....	.....	.....	.....
Peoria.....	Godel, E. & Sons (Inc.).....	1,100,000	.....	.....	.....
Do.....	McDonough Packing Co.....	.....	.....	.....	.....
Do.....	Wilson Provision Co.....	200,000	350	3,500	.....
Rock Island.....	M. R. Thackaberry Co.....	.....	.....	.....	.....
INDIANA.					
Anderson.....	Anderson Dressed Beef Co.....	.....	.....	.....	.....
Do.....	Hughes-Curry Packing Co.....	.....	.....	.....	.....
Batesville.....	Michael Benz.....	.....	.....	.....	.....

<sup>1</sup> Authorized capital.



## Trade directory—Continued.

Place.	Concern.	Capital.	Average weekly killing capacity.		
			Cattle.	Hogs.	Sheep.
INDIANA—continued.					
Connersville	John Ringloff				
Do.	Geo. E. Brown				
Clinton	Clinton Packing Co.				
Decatur	Fred Mutschler Packing Co.		25	200	
Elwood	J. P. Downs				
Do.	Elwood Packing Co.				
Evansville	Henry Daudistel	<sup>1</sup> \$25,000			
Do.	Evansville Packing Co.	300,000	500	7,500	1,000
Do.	Newman's Pork Houses (Inc.)			300	
Do.	Schmadel Packing & Ice Co.	70,000	150	360	60
Fort Branch	Peter Emge & Sons		75	300	
Fort Wayne	Fred Eckert Packing Co.	<sup>1</sup> 100,000			
Do.	Laurents & Hartshorn Packing Co.		100	500	100
Gary	Tittle Bros. Packing Co.				
Indianapolis	Armour & Co.				
Do.	Crescent Packing Co.				
Do.	F. Hilgemeiser Co.				
Do.	Indianapolis Dressed Beef & Provision Co.		200	500	100
Do.	Moore & Co.				
Do.	Brown Bros.	150,000	200	400	
Do.	Indianapolis Abattoir Co.	<sup>1</sup> 2,000,000	3,000	15,000	3,000
Do.	Kingan & Co.	4,923,520	4,000	45,000	2,000
Do.	Meier Packing Co.	91,900		400	
Do.	Riverview Packing Co.		125	1,500	300
Do.	Frank Schussler Packing Co.				
Do.	United Butchers (Inc.)	195,800	300	600	600
Do.	Worm & Co.	290,000	300	200	200
La Fayette	Dryfus Packing & Provision Co.				
Logansport	W. C. Routh & Co.	287,400	100	5,000	100
Madison	Pearl Packing Co.	50,000	15	300	300
Marion	Ballard Packing Co.	50,000	150	750	50
Mishawaka	Major Bros. Packing Co.	100,000	200	1,000	100
Muncie	Kuhner Packing Co.	30,000	120	1,200	120
Peru	Peru Packing Co.				
Portland	Geo. Karhart Packing Co.				
Richmond	Anton Stolle & Sons	75,000	45	225	
Sewymour	Peter Packing Co.				
Shelbyville	Chas. Flaitz				
Do.	C. P. Sindlinger				
Thornton	Swine Breeders Pure Serum Co.				
Terre Haute	Ehrmann & Co.	50,000	150	500	50
Do.	Home Packing & Ice Co.	125,000	100	3,500	
Do.	Terre Haute Abattoir & Stock Yards Co.				
Do.	Valentine & Co.	24,000	75	200	30
Vincennes	C. B. O'Donnell				
Wabash	Wabash Packing Co.	<sup>1</sup> 10,000	100	150	
IOWA.					
Albia	Albia Packing Co.	60,200	90	300	
Cedar Rapids	T. M. Sinclair & Co. (Ltd.)	1,300,000	900	24,000	
Davenport	Davenport Slaughtering & Rendering Co.				
Do.	Kohrs Packing Co.	730,000	600	12,000	
Des Moines	Iowa Packing Co.	2,282,500	600	12,000	
Dubuque	Belsky Packing Co.				
Do.	Frith Union Slaughterhouse				
Do.	Geo. C. Rath & Sons	10,000			
Do.	John Strobel & Sons				
Do.	Corn Belt Packing Co.	1,950,000	950	25,000	600
Do.	Dubuque Packing Co.	166,900		1,200	
Fort Dodge	Fort Dodge Serum Co.				
Do.	Wahkonsa Packing Co.	376,700		300	
Mason City	Jacob E. Decker & Sons Co. (Inc.)	2,000,000	350	15,000	
Muscatine	Farmers' Mutual Packing Co.	500,000	300	1,800	
Do.	C. E. Richard & Sons		200	600	
Ottumwa	John Morrell & Co.		2,000	35,000	
Perry	Hausserman Packing Co.				
Sioux City	Armour & Co.				
Do.	Cudahy Packing Co.				
Do.	Midland Packing Co.				
Do.	Smith Bros. Packing Co.				
Do.	Swift & Co.				
Do.	Sacks Bros. Packing Co.	37,000	125		
Waterloo	Rath Packing Co.	1,300,000	600	12,000	

<sup>1</sup> Authorized capital.

## Trade directory—Continued.

Place.	Concern.	Capital.	Average weekly killing capacity.		
			Cattle.	Hogs.	Sheep.
KANSAS.					
Arkansas City.....	Henneberry & Co.....	\$100,000	100	800	
Frontenac.....	Menghini Bros.....				
Hutchinson.....	Geo. Kaiser Packing Co.....				
Do.....	Wilson & Co.....				
Do.....	Winchester Packing Co.....				
Do.....	McArthur Packing Co.....	123,000	150	250	
Iolo.....	Fryer Bros.....				
Kansas City.....	Armour & Co.....				
Do.....	Jos. Baum Packing Co.....				
Do.....	Cochrane Packing Co.....	60,000	600	1,800	600
Do.....	Drovers Packing Co.....	2,243,000	1,200	2,000	300
Do.....	Fowler Packing Co.....				
Do.....	Means Packing Co.....	1 20,000	150		50
Do.....	Morris & Co.....				
Do.....	Royal Packing Co.....	2,000		250	
Do.....	Sihler Hog Cholera Serum Co.....				
Do.....	Standard Serum Co.....				
Do.....	Swift & Co.....				
Do.....	Wilson & Co.....				
Leavenworth.....	Schwalker Packing Co.....	242,100	200	600	10
Manhattan.....	Manhattan Packing Co.....	85,000	25	100	
Olathe.....	Olathe Packing Co.....		30	180	
Pittsburg.....	Hull & Dillon Packing Co.....	100,000	60	400	30
Salina.....	Butzer Packing Co.....	237,930			
Topeka.....	Kaw Packing Co.....	1 100,000	250	1,500	
Do.....	Seymour Packing Co.....				
Do.....	Topeka Packing Co.....				
Do.....	Chas. Wolff Packing Co.....				
Wichita.....	Jacob Dold Packing Co.....				
Do.....	Cudahy Packing Co.....				
KENTUCKY.					
Covington.....	C. Rice Packing Co.....	36,700	{ 200 3 150 }		
Henderson.....	Eckert Packing Co.....	125,000	50	500	100
Leitchfield.....	J. M. Thomas & Son.....				
Middleboro.....	New South Packing Co.....	10,000	15	40	15
Owensboro.....	Field Packing Co.....	68,000	50	300	100
Paducah.....	Challenor Packing Co.....		100	200	100
Do.....	Paducah Packing Co.....	20,000	100	75	10
Louisville.....	Louis P. Bornwasser.....	100,000	150		1,200
Do.....	Emmart Packing Co.....	750,000	3,000		9,000
Do.....	Henry Fisher.....		125	600	
Do.....	Klarer Provision Co.....	20,000	50	200	
Do.....	Louisville Provision Co. (Inc.).....	400,000			
Do.....	C. F. Vissman & Co.....	192,000	150	1,800	
LOUISIANA.					
Alexandria.....	Rapides Packing Co.....	65,000			
Arabi.....	Arabi Packing Co.....	125,000	600	200	100
Baton Rouge.....	City Abattoir.....				
New Orleans.....	L. A. Frey & Sons.....		50	60	
Do.....	Hoth Bros. (Ltd.).....				
Do.....	New Orleans Butchers' Coopera- tive Abattoir Co.....				
Shreveport.....	Shreveport Packing Co.....	166,000	125	250	
MAINE.					
Auburn.....	E. W. Penley.....		1,800	20,000	1,300
Do.....	Morrow Packing Co.....				
Lewiston.....	Martin Haas.....				
Portland.....	Portland Abattoir Co.....				
Rockland.....	W. M. Little Co.....	22,500	35	120	150
MARYLAND.					
Baltimore.....	Baltimore Butchers' Abattoir & Live Stock Co.....				
Do.....	Consolidated Beef & Provision Co.....	53,000	50	600	100
Do.....	Corkran, Hill & Co.....	1,150,000	500	10,000	1,000
Do.....	Greenwald Packing Co.....	250,000	1,300		1,500
Do.....	Joseph A. Gebelein.....			1,200	

<sup>1</sup> Authorized capital.<sup>3</sup> Calves.



## Trade directory—Continued.

Place.	Concern.	Capital.	Average weekly killing capacity.		
			Cattle.	Hogs.	Sheep.
MARYLAND—contd.					
Baltimore	George Co. (Inc.)	\$70,000			
Do.	August Grabe.				
Do.	Haas & Fox.				
Do.	C. Hohman & Sons.			1,200	
Do.	Martin Horn				
Do.	Jaeger Bros.				
Do.	Jones & Lamb Co.	1,822,242		15,000	
Do.	Kaufman Packing Co.	8,200	150		75
Do.	Chas. Krell.				
Do.	Kurrie Packing Co.	60,000	50	1,500	50
Do.	O. Lang Sons.				
Do.	Raith's (Inc.)	100,000			
Do.	L. Sellmayer & Sons				
Do.	Wm. Schluderberg-T. J. Kurdle Co.	2,225,000	500	10,000	500
Do.	Jacob C. Shafer Co.	250,000		1,500	
Do.	Wilson Martin Co.				
Crisfield	Webb & Co.				
Frederick	J. A. Whitfield Co.				
MASSACHUSETTS.					
Boston	Batchelder & Snyder Co.	1,800,000			
Do.	Boston Food Products Co.	105,000			
Do.	Brighton Dressed Meat Co.	10,000	600		
Do.	Cunningham Packing Co.	115,000			
Do.	Moses Goldberg.				
Do.	John J. Kelly.				
Do.	Thos. J. Kelly.				
Do.	I. Paresky & Co.				
Do.	Wm. Underwood Co.				
Brocton	Joseph Curtin.				
Do.	Philip Katz.				
Do.	Samuel Steinberg.				
Cambridge	John P. Squire & Co.	5,000,000		18,000	
Fitchburg	E. A. McIntire & Son.				
Haverhill	Haverhill Abattoir Co.	15,000	100	200	250
New Bedford.	Manuel F. Sousa				
North Chelmsford	F. W. Merrill.				
Somerville	No. Packing & Provision Co.	5,000,000		25,000	
Springfield	Brightwood Dressed Beef Co.				
Do.	Geo. Nye Co.				
Do.	Springfield Provision Co.	1,300,000		3,500	
Worcester	White, Pevey & Dexter Co.	800,000		4,500	
Bay City	Bay City Packing Co.				
MICHIGAN.					
Chesaning	Farmers' Meat & Produce Co.				
Do.	G. M. Peet Packing Co.	40,000	25	200	
Coldwater	Coldwater Abattoir Co.				
Detroit	P. A. Breitenbeck.		500		
Do.	Bresnahan Beef Co.				
Do.	Detroit Packing Co.	3,000,000	500	1,000	
Do.	Gunsberg Packing Co. (Inc.)	375,000	500		500
Do.	Hammond Standish Co.	859,000	900	12,000	600
Do.	Kammann Beef Co.				
Do.	Kull & Bullen Beef Co.				
Do.	Mason Beef Co.		150		
Do.	Michigan Beef Co.				
Do.	Nagle Packing Co.				
Do.	Newton Packing Co.	675,000	1,400	4,000	400
Do.	Parker Webb Co.				
Do.	Ratkovsky & Witus.				
Do.	Robinson Beef Co.		225		150
Do.	Sullivan Packing Co.	1,500,000	500	4,000	1,000
Howell	H. L. Williams Provision Co.				
Iron River	Peninsula Packing Co.				
Menominee	Twin City Packing Co.	46,000	28	60	50
Pontiac	Pontiac Packing Co.	183,200	100	600	600
MINNESOTA.					
Albert Lea	Albert Lea Packing Co. (Wilson & Co., Chicago).				
Austin	Geo. A. Hormel & Co.	3,581,000	1,536	30,000	
Duluth	Elliott & Co.		400	700	100

<sup>1</sup> Authorized capital.

## Trade directory—Continued.

Place.	Concern.	Capital.	Average weekly killing capacity.		
			Cattle.	Hogs.	Sheep.
MINNESOTA—contd.					
Fergus Falls.....	Fergus Cooperative Packing Co....	\$125, 100	50	500	50
Hibbing.....	Municipal Abattoir.....				
Newport.....	Farmers' Terminal Packing Co....	2, 000, 000	1, 250	10, 000	500
St. Cloud.....	The Hunstiger Co. (Inc.).....	48, 400	50	300	100
St. Paul.....	Armour & Co. (see Chicago).....				
Do.....	Hertz & Rifkin.....				
Do.....	R. J. King.....				
Do.....	Midway Abattoir Co.....				
Do.....	Swift & Co. (see Chicago).....				
Do.....	Katz & Horn Egg Co.....		350	100	100
Do.....	Luley Abattoir Co.....	40, 000	300		
Do.....	J. T. McMillan Co.....	485, 000		4, 500	
Do.....	Interstate Packing Co.....	1 700, 000	200	6, 000	500
Do.....	Winona Packing & Soap Co.....				
Do.....	Lang Packing Co.....				
MISSISSIPPI.					
Collins.....	Wood-Canfield Co.....				
Greenwood.....	Farmers' Meat Packing Co.....				
Greenville.....	Greenville Abattoir Co.....				
Jacksonville.....	Sam Raines.....				
Do.....	Geo. Cramp.....				
MISSOURI.					
Chillicothe.....	Boehner's Slaughter House.....				
Columbia.....	Retzler Packing Co.....	150, 000			50
Edina.....	Krueger Packing Co.....				
Hannibal.....	Hannibal Packing Co.....				
Joplin.....	Boyd, Pipkin & Neal.....				
Do.....	Trecker Bros.....				
Kansas City.....	(See Kansas City, Kans.).....				
Kirksville.....	A. J. Burk Meat Co.....				
Marysville.....	Forsyth Packing Co.....				
St. Joseph.....	Armour & Co. (see Chicago).....				
Do.....	Morris & Co. (see Chicago).....				
Do.....	Seitz Packing & Manufacturing Co.....	50, 000	200	500	
Do.....	Swift & Co. (see Chicago).....				
St. Louis.....	American Packing Co.....	300, 000	150	1, 500	50
Do.....	Banner Packing Co.....	225, 000	200	600	100
Do.....	J. H. Belz Provision Co.....	200, 000	200	2, 000	50
Do.....	John Bettendorf.....				
Do.....	Carondelet Packing Co.....				
Do.....	Cux & Gordon Packing Co.....				
Do.....	Gerst Bros.....				
Do.....	F. W. Hass Provision Co.....				
Do.....	Hail Packing Co.....	500, 000	150	3, 000	
Do.....	Kehr Packing Co.....				
Do.....	Hy. Klockmann.....				
Do.....	Knapp Packing Co.....				
Do.....	Krey Packing Co.....	990, 000	400	12, 000	
Do.....	Laclede Packing Co.....				
Do.....	Morris & Co. (see Chicago).....				
Do.....	Remley Packing Co.....				
Do.....	St. Louis Independent Packing Co.....	3, 500, 000	3, 000	20, 000	500
Do.....	Sartorius Provision Co.....				
Do.....	Wm. Schmidt.....				
Do.....	Seiloff Packing Co.....	350, 000	175	2, 400	50
Do.....	Swift & Co. (see Chicago).....				
Do.....	Waldeck Packing Co.....				
Sikeston.....	Walpole Packing Co.....				
Springfield.....	Welch Packing Co.....	200, 000	75	600	25
Do.....	Tegarden Packing Co.....				
Do.....	Banfield Packing Co.....				
Tipton.....	White's Market.....		25	20	6
West Plains.....	Southern Packing Co.....				
Do.....	West Plains Serum Co.....				
MONTANA.					
Billings.....	Crosser's Meat Co.....				
Do.....	Yellowstone Packing Co.....	772, 000			
Butte.....	Hansen Packing Co.....				
Great Falls.....	Great Falls Meat Co.....	1 150, 000			
Havre.....	J. G. Pederson & Co.....	16, 000	50	100	100
Helena.....	Northwestern Packing Co.....	100, 000			
Livingston.....	Retallick & Baumgart.....		25	50	15

<sup>1</sup> Authorized capital.



## Trade directory—Continued.

Place.	Concern.	Capital.	Average weekly killing capacity.		
			Cattle.	Hogs.	Sheep.
NEBRASKA.					
Grand Island.....	K. W. H. Co.....				
Hastings.....	Kauf & Rinderpacher Co.....	\$100,000	300	600	
Lincoln.....	Lincoln Packing Co.....	139,500	350	550	
Do.....	Weiler Packing Co.....		30	50	5
Nebraska City.....	Morton-Gregson Co.....	350,000		7,500	
Omaha.....	Dold Packing Co.....	1,000,000	500	2,500	1,000
Do.....	Armour & Co. (see Chicago).....				
Do.....	Higgins Packing Co.....	910,803	300	2,000	200
Do.....	Huffman Bros.....				
Do.....	Midwest Packing Co.....		100	50	10
Do.....	Morris & Co. (see Chicago).....				
Do.....	Omaha Packing Co. (see Chicago).....				
Do.....	Skinner Packing Co.....	7,250,000			
Do.....	Swift & Co. (see Chicago).....				
NEW JERSEY.					
Camden.....	A. Scholorer & Sons.....	99,300	90		100
Harrison.....	Swift & Co. (see Chicago).....				
Jersey City.....	Armour & Co. (see Chicago).....				
Do.....	Brainard Bros.....				
Do.....	H. Heilbrunn Co.....				
Do.....	Thos. A. Hughes Co.....				
Do.....	Jersey City Stockyards Co.....	500,000	400	20,000	10,000
Do.....	Swift & Co. (see Chicago).....				
Do.....	Nagle Packing Co.....	500,000	1,500		5,000
Newark.....	Bimble Co.....	25,000		20,000	
Do.....	A. Fink & Sons.....	331,000	200	5,000	
Do.....	Schloss, Held & Schloss.....		100		
Do.....	Swift & Co. (see Chicago).....				
New Brunswick.....	H. Keller.....				
Passaic.....	Henry Muhs Co.....	1 500,000			
Paterson.....	D. Fullerton & Co.....	200,000	100	1,000	100
West Hoboken.....	Chas. R. Miller Co.....				
NEVADA.					
Reno.....	Nevada Packing Co.....	353,400	350	1,200	2,000
Do.....	Reno Supply Co.....				
Ely.....	Ely Packing Co.....	1 100,000			
Fallon.....	Fallon Slaughtering Co.....				
Goldfield.....	T. & G. Meat Co.....				
Do.....	United Cattle & Packing Co.....				
NEW HAMPSHIRE.					
Garfield.....	Joseph Fold Co.....				
Do.....	Alfred Fusco.....				
Portsmouth.....	Herman A. Brackett.....				
NEW YORK.					
Albany.....	Lewis Newhof & Son.....		200		
Brooklyn.....	Gotham Packing Co.....	100,000	500		
Do.....	International Provision Co.....	10,000		3,000	
Do.....	C. Lehmann Packing Co. (Inc.).....	250,000	500		
Do.....	Huge Styass Packing Co (Inc.).....				
Buffalo.....	Jacob Dold Packing Co.....	6,000,000	6,000	30,000	6,000
Do.....	Danahy Packing Co.....	150,000	350		1,000
Do.....	Klinck & Schaller (Inc.).....	185,000	350		1,000
Do.....	Klinck Packing Co (see Chicago).....				
Do.....	Klinck Bros. (Inc.).....				
Do.....	Laux & Edbauer.....				
Do.....	Jacob Moschel's Sons (Inc.).....	75,000			
Do.....	Neber & McGill.....				
Do.....	New England Dressed Meat Co.....				
Do.....	Frank Rausch.....				
Do.....	Edw. J. Smith Packing Co.....				
Do.....	Sahlen Packing Co.....		1,500		
Canajoharie.....	Beech-Nut Packing Co.....	2,124,500			
Chester.....	Frank J. Murray Co. (Inc.).....	75,000			
Hudson.....	C. A. Van Duesen Co.....	81,300			
Kingston.....	Jacob Forst Packing Co.....	250,000			
New York City.....	Allied Packer (Inc.) (see Chicago).....				
Do.....	Armour & Co. (see Chicago).....				
Do.....	F. A. Ferris & Co. (Inc.).....				

1 Authorized capital.

## Trade directory—Continued.

Place.	Concern.	Capital.	Average weekly killing capacity.		
			Cattle.	Hogs.	Sheep.
NEW YORK—continued.					
New York City.....	Figge & Hutwalker Co. (Inc.).....	<sup>1</sup> \$100,000			
Do.....	Thos. Halligan.....				1,000
Do.....	A. Lester Heyer.....				
Do.....	New York Butchers' Dressed Meat Co.....	2,000,000	3,360		7,200
Do.....	Roche & Bro.....				
Do.....	J. W. & P. Scanlan (Inc.).....	75,000			5,000
Do.....	Jos. Stern & Sons (Inc.).....	3,000,000	2,000	12,000	10,000
Do.....	Strauss & Adler.....				
Do.....	Swift & Co. (see Chicago).....				
Do.....	United Dressed Beef Co. of New York.....	<sup>1</sup> 3,000,000			
Do.....	Wilson & Co. (see Chicago).....				
Pine Plains.....	Roy W. Pulver.....				
Rochester.....	Rochester Packing Co. (Inc.).....	379,800		1,500	
Schenectady.....	Miller Bros.....				
Syracuse.....	A. C. Hoffman & Sons.....	<sup>1</sup> 500,000	100	1,000	
Tonawanda.....	Wchwinger Packing Co.....				
Do.....	H. S. Golde Packing Co.....				
Tray.....	Greylock Packing Co.....				
Utica.....	C. A. Durr Packing Co. (Inc.).....	<sup>1</sup> 1,000,000			
Do.....	Smith Bros.....				
Do.....	Jutz & Pfluke Packing Co. (Inc.).....	55,100	30	300	75
Yonkers.....	Siebert Bros.....				
NEW MEXICO.					
Koehler.....	Blossburg Mercantile Co.....		200	200	
NORTH CAROLINA.					
Ashville.....	Ashville Packing Co.....		100	20	
Raleigh.....	Raleigh Abattoir.....				
Wilmington.....	Cape Fear Packing Co.....	400,000	180	5,000	
Do.....	Carolina Packing Co.....	73,000	50	150	100
Winston-Salem.....	Winston-Salem Abattoir Co.....				
Charlotte.....	Charlotte Packing Co.....				
Elizabeth City.....	Pasquotank Packing Co.....				
NORTH DAKOTA.					
West Fargo.....	Equity Cooperative Packing Co.....	2,500,000	1,500	5,000	500
Grand Forks.....	City Abattoir Co.....				
Do.....	Northern Packing Co.....				
OHIO.					
Athens.....	F. C. Stedman Co.....	600,000			
Akron.....	C. A. Schell Provision Co.....				
Bellevue.....	A. Buedy.....				
Do.....	Zehmer Bros. Packing Co.....	<sup>1</sup> 1,000,000			
Berea.....	J. N. Curtis & Son.....				
Bucyrus.....	Dobbins & Geiger.....				
Canton.....	Canton Provision Co.....	<sup>1</sup> 500,000			
Do.....	E. V. Renner & Sons.....				
Chillicothe.....	Tobias Edinger.....		12	90	10
Do.....	Frank & Charles Hun.....				
Cincinnati.....	Jacob Bauer Sons.....		100		
Do.....	Butcher's Banking Co.....				
Do.....	Cincinnati Abattoir Co.....	1,350,000	4,000	15,000	2,000
Do.....	Cincinnati Packing Co.....	15,700			
Do.....	G. Ehrhart & Sons.....				
Do.....	Chas. A. Freund.....		125	900	
Do.....	John Hilberg & Sons.....				
Do.....	John Hoffman's Sons Co.....	150,000			
Do.....	Ideal Packing Co.....	150,000	90	1,200	
Do.....	Gus. Juengling.....		150		75
Do.....	E. Kahn's Sons Co.....	438,200	750	3,500	1,000
Do.....	Kroger Grocery & Baking Co.....		300	1,200	
Do.....	A. Lloewenstein's Sons Co.....	40,000	200		100
Do.....	Lohrey Packing Co.....		10	250	
Do.....	Maescher & Co.....				
Do.....	H. H. Meyer Packing Co.....	207,350		3,000	
Do.....	L. Oscherwitz & Sons.....		40		
Do.....	Wm. G. Rahn's Sons.....		200		

<sup>1</sup> Authorized capital.



## Trade directory—Continued.

Place.	Concern.	Capital.	Average weekly killing capacity.		
			Cattle.	Hogs.	Sheep.
OHIO—continued.					
Cincinnati.....	A. Sander Packing Co.....	\$200,000		3,000	
Do.....	Jacob Schlachter's Sons.....		100		300
Do.....	J. & F. Schroth Packing Co.....	500,000	150	4,800	
Do.....	Valley Packing Co.....		60	200	25
Do.....	Jacob Vogel & Son.....		30	1,500	
Circleville.....	John Groce & Son.....				
Do.....	Hoser Packing Co.....				
Cleveland.....	Blumenstock & Reis Co.....	121,000		3,000	
Do.....	Cleveland Provision Co Co.....	1,000,000			
Do.....	Federal Packing Co.....	276,000	500		1,000
Do.....	Lake Erie Provision Co.....	60,000	750	3,000	750
Do.....	Long Dried Beef Co.....				
Do.....	Ohio Provision Co.....	326,800	300	2,000	300
Do.....	Swift & Co. (see Chicago).....				
Do.....	Theurer-Norton Provision Co.....	80,000			
Columbus.....	Fred Schmidt Packing Co.....			400	
Do.....	Blumer-Sartain Packing Co.....	75,800	100	400	50
Do.....	Columbus Packing Co.....	250,000	250	3,000	200
Columbus.....	David Davies.....		125	350	50
Do.....	Denton Bros.....				
Coshocton.....	Coshocton Provision Co.....				
Dayton.....	Henry Burkhardt Packing Co.....	35,000	100	1,200	
Do.....	Dayton Abattoir Co., Inc.....	150,000			
Do.....	Gem City Packing Co.....	85,000	30	200	20
Do.....	Chas. Sucher Packing Co.....		150	1,500	
Fostoria.....	Fostoria Provision Co.....	1200,000	200	100	200
Greenville.....	Chas. G. Buchy.....		15	100	
Hamilton.....	Slifer Packing Co.....	20,000	40	150	10
Do.....	Chas. Manche.....				
Do.....	W. P. Eaton Packing Co.....	300,000	100	1,000	25
Do.....	Rupp Packing Co.....				
Kenmore.....	Ohio Packing and Provision Co.....				
Do.....	Zimmerly Bros. Co.....	170,000	60	200	
Lancaster.....	Bauman Bros.....				
Do.....	Lancaster Packing Co.....				
Lima.....	Lima Packing Co.....	127,500	60	550	
Mansfield.....	Mansfield W. A. Kerns Packing Co.....				
Marion.....	Marion Packing Co.....	325,000	300	1,200	100
Marietta.....	Frank Webber.....				
Middleton.....	Reiner Bros.....				
Newark.....	G. W. Miller Co.....		150	900	50
Do.....	Independent Packing Co.....				
Piqua.....	Val Decker Packing Co.....	50,000	125	600	25
Do.....	Kugelman Packing Co.....	40,000	50	250	25
Sandusky.....	Sandusky Packing Co.....	78,000	200	600	200
Sidney.....	Sidney Packing Co.....	81,000	100	500	20
Springfield.....	Finch & Heine Packing Co.....				
Toledo.....	Carr Bros.....				
Do.....	Jacob Felger.....				
Do.....	Philip Prove.....				
Do.....	Rassel Sons Co.....				
Do.....	Ruedy Bros.....				
Troy.....	Braun Bros. Packing Co.....				
Do.....	Grunlich Bros.....				
Do.....	Troy Packing Co.....				
Urbana.....	Urbana Packing Co.....	222,300	200	600	150
Wapakoneta.....	Jacob Werner & Son.....		20	150	Few.
Xenia.....	City Market Co.....				
Youngstown.....	Youngstown Packing & Provision Co.....	150,000	150	1,500	500
Zanesville.....	Henry Kessler.....				
Do.....	Max Taylor.....				
Do.....	Rittberger Bros.....				
Do.....	New Zanesville Provision Co.....	300,000	100	1,000	
OKLAHOMA.					
Oklahoma City.....	W. H. Butcher Packing Co.....	38,200	60	200	
Do.....	Morris & Co.....				
Do.....	Riverside Packing Co.....				
Do.....	Wilson & Co.....				
Shawnee.....	Graf Packing Co.....	30,000	50	150	
Tulsa.....	Independent Packing Co.....	50,000	100	400	

<sup>1</sup> Authorized capital.

## Trade directory—Continued.

Place.	Concern.	Capital.	Average weekly killing capacity.		
			Cattle.	Hogs.	Sheep.
OREGON.					
Albany.....	D. E. Bebergall Meat Co.....	\$70,000	200	1,200	400
Baker.....	Baker Packing Co.....	20,000	50	300	75
Do.....	Smith Packing Co.....	.....	100	150	125
Corvallis.....	Corvallis Meat Co.....	.....	60	90	60
The Dalles.....	The Dalles Meat Co.....	14,000	10	12	8
Eugene.....	Eugene Packing Co.....	.....	.....	.....	.....
Klamath Falls.....	Klamath Packing Co.....	104,000	200	600	400
La Grange.....	Grande Ronde Meat Co.....	100,000	25	80	25
Lebanon.....	Carl Seibel & Otto.....	.....	.....	.....	.....
Do.....	Eichentopf Packing Co.....	.....	.....	.....	.....
Pendleton.....	Pendleton Packing & Provision Co.....	1 30,000	.....	.....	.....
Portland.....	Adams Bros.....	.....	.....	.....	.....
Do.....	Geo. W. Donaldson.....	.....	.....	.....	.....
Do.....	Gelinsky Packing Co.....	25,000	30	150	40
Do.....	Swift & Co.....	.....	.....	.....	.....
Do.....	Schlesser Bros.....	.....	.....	.....	.....
Rainier.....	Columbia River Meat Co.....	1 12,000	.....	.....	.....
Springfield.....	Swarts & Washburn.....	.....	.....	.....	.....
Salem.....	Valley Packing Co.....	200,000	150	600	300
PENNSYLVANIA.					
Allentown.....	Arbogast & Bastian Co.....	1 1,200,000	250	2,800	40
Altoona.....	Confederate Home Abattoir Corporation.	1 500,000	.....	.....	.....
Do.....	United Home Dressed Meat Co....	250,000	180	1,000	100
Balliettsville.....	Wm. D. George.....	.....	25	50	10
Blairsville.....	Brown Packing Co.....	.....	25	150	.....
Bridgeport.....	A. H. March Packing Co.....	100,000	.....	2,500	.....
Butler.....	Butler Packing Co.....	31,250	.....	.....	.....
Carnegie.....	Abbott Packing Co.....	50,000	100	250	500
Chester.....	Jno. J. Buckley Co.....	100,000	.....	.....	.....
Coatesville.....	Beiswanger Packing Co.....	.....	.....	.....	.....
Easton.....	Easton Abattoir.....	.....	.....	.....	.....
Erie.....	Schaffner Bros. Co.....	285,000	500	3,000	1,000
Do.....	South Erie Slaughterhouse.....	.....	.....	.....	.....
Harrisburg.....	Harrisburg Abattoir Co.....	.....	.....	.....	.....
Do.....	Swift & Co.....	.....	.....	.....	.....
Indiana.....	Independent Beef & Provision Co.....	80,000	{ 100 3 25 }	500	25
Johnstown.....	Ferguson Packing Co.....	277,000	300	1,500	300
Do.....	Edw. Hahn.....	.....	150	500	100
Do.....	C. A. Young Co.....	100,000	.....	.....	.....
Lancaster.....	Ch. Kunzler Co.....	190,700	100	100	200
Do.....	Chas. Falk & Bros.....	.....	.....	.....	.....
Do.....	Lancaster Abattoir Co.....	.....	.....	.....	.....
Do.....	D. W. Shaeffer.....	.....	.....	.....	.....
Lehighton.....	Jos. Obert Co. (Inc.).....	150,000	100	600	.....
Lebanon.....	David O. Bomberger.....	.....	.....	.....	.....
Do.....	E. L. Brooks.....	.....	.....	.....	.....
Do.....	Keystone Abattoir Co.....	.....	.....	.....	.....
Do.....	J. B. Sheaf.....	.....	.....	.....	.....
Do.....	Walter W. Rittle.....	.....	.....	.....	.....
Do.....	J. K. Troutman.....	.....	.....	.....	.....
Media.....	Clement C. Allen Co.....	.....	.....	.....	.....
Do.....	Habbersett Bros.....	.....	.....	100	.....
McKeesport.....	Peters Packing Co.....	1 500,000	.....	.....	.....
Mont Clare.....	Benj. F. Wagner.....	.....	.....	.....	.....
Mount Carmel.....	L. W. Weissinger.....	.....	.....	500	.....
Philadelphia.....	Louis Burk.....	.....	.....	.....	.....
Do.....	Consolidated Dressed Beef Co.....	315,500	.....	.....	.....
Do.....	B. Ernst Bros.....	.....	.....	.....	.....
Do.....	John J. Felin & Co. (Inc.).....	850,000	.....	8,000	.....
Do.....	Geo. Hausmann & Sons (Inc.).....	50,000	.....	600	.....
Do.....	G. F. Pfund & Son.....	.....	.....	.....	.....
Do.....	Philadelphia Abattoir Co.....	1 100,000	.....	.....	.....
Do.....	Pusey-Maynes Breish Co. (Inc.).....	53,800	3 600	.....	2,500
Do.....	F. G. Vogt & Sons (Inc.).....	700,000	50	6,000	.....
Do.....	Wilson-Martin Co.....	500,000	4,000	20,000	6,000
Philipsburg.....	Philipsburg Beef Co.....	50,000	50	300	.....
Phoenixville.....	Christ F. Bader.....	.....	.....	.....	.....
Do.....	Weiland Packing Co.....	1 100,000	50	2,500	.....
Pineville.....	Van Pelt Co.....	.....	.....	.....	.....

<sup>1</sup> Authorized capital.<sup>3</sup> Calves.



*Trade directory—Continued.*

Place.	Concern.	Capital.	Average weekly killing capacity.		
			Cattle.	Hogs.	Sheep.
PENNSYLVANIA—contd.					
Pittsburgh.....	J. M. Denholm Bros. Co.....	\$25, 000	150	500	200
Do.....	Dunlevy-Franklin Co.....	500, 000	400	6, 000	200
Do.....	Fried & Reineman Packing Co.....	<sup>1</sup> 750, 000	900	8, 400	.....
Do.....	F. J. Kuhn Co.....	100, 700	100	500	200
Do.....	Henry Lohrey Co.....	125, 000	.....	.....	.....
Do.....	North Side Packing Co.....	40, 000	.....	.....	.....
Do.....	Oswald & Hess Co. (Inc.).....	30, 000	.....	1, 000	150
Do.....	Pittsburgh Provision & Packing Co.....	600, 000	{ <sup>1</sup> 1, 200 <sup>3</sup> 1, 200 }	4, 000	1, 000
Do.....	Sun Packing Co.....	<sup>1</sup> 1, 000, 000	.....	.....	.....
Do.....	Wm. Zoller Co.....	300, 000	250	3, 800	300
Pottstown.....	Pottstown Abattoir.....	.....	100	500	.....
Pottsville.....	Selzer Packing Co.....	.....	.....	.....	.....
Do.....	Geo. Weissinger & Bro.....	.....	.....	.....	.....
Do.....	Jacob Ulmer Packing Co.....	100, 000	100	1, 000	.....
Presto.....	J. W. Stewart Co.....	{ <sup>1</sup> 40, 000 <sup>3</sup> 50 }	50	150	50
Punxsutawney.....	Punxsutawney Beef & Provision Co.....	30, 000	125	1, 000	.....
Reading.....	Central Abattoir Co.....	.....	100	150	.....
Do.....	Jno. F. Forner.....	.....	.....	.....	.....
Do.....	D. Isecovitz & Bro.....	.....	.....	.....	.....
Do.....	Reading Abattoir Co.....	.....	300	2, 500	.....
Richland.....	A. Forry & Son.....	.....	.....	.....	.....
Royalton.....	Vogt Farm Meat Products Co.....	150, 000	.....	.....	.....
Saltburg.....	W. B. Serene & Sons.....	.....	.....	.....	.....
Scalp Level.....	Baumgardner Meat Co.....	.....	.....	.....	.....
Scranton.....	Brizer & Bernstein.....	.....	.....	.....	.....
Do.....	Frank L. Carr.....	.....	100	200	.....
Do.....	Stowers Pork Packing & Provision Co.....	100, 000	25	500	.....
Shamokin.....	Croninger Packing Co. (Inc.).....	100, 000	.....	.....	.....
Shenandoah.....	Shenandoah Abattoir.....	139, 600	.....	2, 500	.....
So. Bethlehem.....	Gottlieb & Hulbier.....	.....	.....	.....	.....
Southampton.....	Geo. Stockburger.....	.....	.....	.....	.....
Uniontown.....	Union Provision Ice & Cold Storage.....	164, 300	.....	.....	.....
Washington.....	Washington Packing Co.....	.....	.....	.....	.....
Waynesboro.....	Union Abattoir.....	.....	.....	.....	.....
West Grove.....	Pusey & Jones.....	.....	.....	.....	.....
West Reading.....	Thos. Rahn & Son.....	.....	.....	.....	.....
Williamsport.....	John Peters.....	.....	100	600	200
York.....	York Storage & Ice Co.....	.....	.....	.....	.....
RHODE ISLAND.					
Middleton.....	Samuel Berman.....	.....	.....	.....	.....
Newport.....	Wm. H. Easton & Co.....	.....	.....	.....	.....
Do.....	Wm. A. Stoddard.....	.....	.....	.....	.....
Pawtucket.....	Anderson Bros.....	.....	.....	.....	.....
Do.....	Bateman & Tarry.....	.....	.....	.....	.....
Do.....	Harry Branham.....	.....	.....	.....	.....
Do.....	Comstock & Co.....	.....	.....	.....	.....
Do.....	Chas. S. Johnson.....	.....	.....	.....	.....
Do.....	H. S. Johnson.....	.....	.....	.....	.....
Do.....	Lecht Bros.....	.....	.....	.....	.....
Portsmouth.....	Wm. A. S. Cummings.....	.....	.....	.....	.....
Do.....	Nahum Green.....	.....	.....	.....	.....
Do.....	L. Levine.....	.....	.....	.....	.....
Providence.....	Kimball & Callwell Co.....	25, 000	.....	900	.....
Do.....	Confederated Home Abattoir Co.....	<sup>1</sup> 750, 000	.....	.....	.....
SOUTH CAROLINA.					
Anderson.....	Anderson Abattoir Co.....	.....	.....	.....	.....
Beaufort.....	Seacoast Packing Co.....	.....	.....	.....	.....
Charleston.....	Charleston Abattoir Co.....	.....	.....	.....	.....
Greenville.....	W. H. Balentine.....	<sup>1</sup> 75, 000	30	100	25
Do.....	Greenville Abattoir Co.....	.....	300	1, 200	800
Greenwood.....	Greenwood Abattoir.....	<sup>1</sup> 10, 000	220	300	.....
Orangeburg.....	Carolina Packing Co.....	223, 800	50	500	.....
SOUTH DAKOTA.					
Huron.....	Farmers' Cooperative Packing Co.....	1, 230, 000	.....	.....	.....
Rapid City.....	Rapid City Packing Co.....	.....	.....	.....	.....
Sioux Falls.....	Jno. Morrell & Co.....	.....	.....	.....	.....

<sup>1</sup> Authorized capital.<sup>3</sup> Calves.

## Trade directory—Continued.

Place.	Concern.	Capital.	Average weekly killing capacity.		
			Cattle.	Hogs.	Sheep.
TENNESSEE.					
Centerville.....	R. E. Shouse & Co.....		900	1,800	500
Chattanooga.....	J. H. Allison & Co.....		25	25	25
Clarksville.....	Kleeman & Co.....				
Goodsprings.....	C. J. Temerlin.....				
Greeneville.....	Greeneville Packing Co.....			300	
Johnson City.....	A. N. Feathers & Son.....				
Knoxville.....	East Tennessee Packing Co.....	\$100,000	700	2,100	700
Do.....	T. L. May Packing Co.....	100,000	300	2,000	
Do.....	Knoxville Abattoir Co.....				
Memphis.....	Memphis Packing Corporation.....	1,993,745	750	3,600	
Do.....	Scott's Abattoir Co.....				
Morristown.....	Delandson & Holstinger.....				
Do.....	Morristown Packing Co.....				
Nashville.....	Nashville Abattoir H. & M. Association.....				
Do.....	Neuhoff Packing Co.....	32,500	500	750	375
Do.....	Power Packing Plant.....	500,000	200	1,500	500
Pulaski.....	B. W. George.....				
Union City.....	Raynolds Packing Co.....	77,700	35	140	10
TEXAS.					
Austin.....	Walker Properties Association.....				
Beaumont.....	Zumme Packing Co.....				
Dallas.....	Armstrong Packing Co.....	1,000,000	1,000	5,000	500
Do.....	Max Hahn Packing Co.....	50,000	500	1,000	350
El Paso.....	Border Packing Co.....	20,000			
Do.....	Nations Packing Co.....	150,000	100	75	50
Do.....	Peyton Packing Co.....	400,000	800	1,000	500
Do.....	Henry G. Schneider.....				
Do.....	Sanitary Slaughterhouse.....				
Fort Worth.....	Armour & Co. (see Chicago).....				
Do.....	Fort Worth Packing Co.....	125,000	100	300	
Do.....	Swift & Co. (see Chicago).....				
Galveston.....	Rosenthal Packing Co. (Inc.).....		100	300	
Houston.....	Houston Packing Co.....	1,800,000	1,800	10,000	
Do.....	Texas Packing Co.....		250	100	
Paris.....	Paris Municipal Abattoir.....				
San Antonio.....	Alamo Dressed Beef Co.....	50,000	250	250	50
Do.....	Union Meat Co.....				
Sherman.....	Sherman Slaughtering & Rendering Co.....	10,000			
Taft.....	Taft Packing Co.....	859,700	250	250	150
UTAH.					
Eden.....	George McDonald.....				
Murray.....	Jensen Bros.....				
Do.....	McMillan & Son.....				
Ogden.....	Ogden Packing & Provision Co.....	2,000,000	750	5,000	2,000
Salt Lake City.....	Block & Guss.....		180	50	250
Do.....	Archie McFarlad & Son.....		200	100	1,000
VERMONT.					
Hyde Park.....	John Miner.....		200	300	500
Bellows Falls.....	J. J. Gray Packing Co.....				
Essex Junction.....	Fletcher & Co.....				
VIRGINIA.					
Bristol.....	Virginia Packing Co. (Inc.).....	50,000	100	500	
Charlottesville.....	Charlottesville Abattoir.....				
Do.....	Charlottesville Ice Co.....				
Danville.....	McGuire & Co.....				
Ivor.....	L. H. Brantley.....				
Do.....	Ivor Grocery Co.....				
Do.....	L. C. Pulley & Co.....				
Lynchburg.....	M. R. Scott Co.....				
Newport News.....	Levinson Packing Co. (Inc.).....	35,000	25	200	
Norfolk.....	Banks Bros. Packing Co.....		200	500	200
Do.....	Interstate Packing & Ice Co.....	50,000	300	1,200	120
North Tazewell.....	Tazewell Packing Co.....				
Norton.....	Norton Packing Co. (Inc.).....	60,000	200	3,000	200

<sup>1</sup> Authorized capital.



## Trade directory—Continued.

Place.	Concern.	Capital.	Average weekly killing capacity.		
			Cattle.	Hogs.	Sheep.
VIRGINIA—contd.					
Petersburg.....	Bowman Bros.....				
Portsmouth.....	Codd & Co.....				
Do.....	Freedman Packing Co.....				
Do.....	Norman Packing Co.....				
Do.....	Portsmouth Provision & Packing Co.....				
Do.....	T. O. Williams.....				
Richmond.....	Brown Abattoir Co.....				
Do.....	W. S. Forbes & Co. (Inc.).....				
Do.....	R. Kastelberg's Sons Co.....				
Do.....	Patrick-Young Co.....				
Do.....	Richmond Abattoir Co.....				
Do.....	Valentine's Meat Juice Co.....	\$100,000	125		
Roanoke.....	Brown Abattoir Co.....	16,000	40	30	10
Do.....	Frank Brown Co.....				
Do.....	Griggs Packing Co. (Inc.).....	100,000		1,000	
Roslyn.....	Roslyn Packing Co.....	25,000	300	1,000	500
Smithfield.....	J. B. Grimes & Son.....				
Do.....	B. D. Gwaltney, jr., & Co.....				
Do.....	V. W. Joyner & Co.....				
Do.....	Tazewell T. Spratley Co.....				
Do.....	J. W. Scott.....				
Do.....	J. Waverly, Thomas.....				
Suffolk.....	W. R. Frazier.....				
Do.....	Smithfield Meat Co.....				
Do.....	Smithfield Packing Co. (Inc.).....				
WASHINGTON.					
Aberdeen.....	Erickson Meat Co.....				
Bellingham.....	Sanitary Meat Co.....	18,000	15	70	30
Seattle.....	Barton & Co.....	650,000	250	1,000	1,500
Do.....	Frye & Co.....	1,500,000	250	3,000	500
Do.....	Jas. Henry Packing Co.....		250	600	1,000
Shelton.....	Shelton Meat & Ice Co.....				
Snohomish.....	Bruhn & Henry (Inc.).....				
Do.....	Columbia Packing Co.....				
Do.....	A. Evoy.....				
Spokane.....	Adam Brown Packing Co.....	65,000	250	300	150
Do.....	Armour & Co. (see Chicago).....				
Do.....	John Lewis & Co.....	1,200,000	75	300	250
Do.....	Spokane Packing Co.....				
Do.....	Trafry & Demeester.....				
Tacoma.....	Cartens Packing Co.....	1,150,000	1,500	15,000	3,500
Walla Walla.....	Walla Walla Meat & Cold Storage Co.....	150,000	100	200	300
Wenatchee.....	Schreck-Nelson Co.....				
Yakima.....	H. & S. Meat Co. (Inc.).....	20,000	100	300	300
Do.....	Independent Meat Co.....				
WEST VIRGINIA.					
Wheeling.....	G. Kalbitzer Packing Co.....	188,700	100	1,000	
Do.....	Paul O. Reymann Co.....				
Do.....	N. Schenk & Sons Co.....				
Do.....	Weimer Packing Co.....	59,000	25	200	40
Do.....	John Wenzel Co.....				
Do.....	Wheeling Butchers' Association.....	20,000	75	400	75
Huntington.....	Fesenmeier Packing Co.....	200,000	{ 3 150 100}	2,000	
WISCONSIN.					
Cudahy.....	Cudahy Bros. Co.....	3,200,000	1,000	40,000	600
Eau Claire.....	Drummond Packing Co.....	125,000	200	5,000	1,000
Green Bay.....	Acme Packing Co.....	12,000,000			
La Crosse.....	John Niedercorn & Son.....				
Do.....	Schams Bros.....				
Madison.....	Oscar Mayer & Co. (see Chicago).....				
Do.....	Madison Packing Co.....				
Milwaukee.....	Layton Co.....	100,000	2,000		
Do.....	Plankinton Packing Co.....	5,000,000	2,750	20,000	5,000
Do.....	Swift & Co. (see Chicago).....				

<sup>1</sup> Authorized capital.<sup>2</sup> Investments.<sup>3</sup> Calves.

*Trade directory—Continued.*

Place.	Concern.	Capital.	Average weekly killing capacity.		
			Cattle.	Hogs.	Sheep.
WISCONSIN—contd.					
New Richmond.....	Hately Bros. Co.....			5,000	
Racine.....	Rowley Packing Co.....	\$75,000		600	
Watertown.....	Dobbratz & Mussfeldt.....	10,000		50	
Wausau.....	Wisconsin Packing Co.....	289,400	300	1,500	300
WYOMING.					
Casper.....	Casper Packing Co.....				
Do.....	Sheridan Meat Co.....				
Cheyenne.....	Hammond Packing Co.....				
Laramie.....	Wyomina Packing & Provision Co.....	1 25,000	75	500	150
Rock Springs.....	Rock Springs Butchering Co.....				
Thermopolis.....	Central Market.....	30,000	15	40	20

<sup>1</sup> Authorized capital.

Other figures in column are issued capital.

**LIST OF PACKING HOUSES.**

Armour & Co. (16): Chicago, Ill.; Kansas City, Kans. (2); Omaha, Nebr.; National Stock Yards, Ill.; Fort Worth, Tex.; Sioux City, Iowa; Jersey City, N. J.; South St. Joseph, Mo.; Denver, Colo.; New York City; Indianapolis, Ind.; Jacksonville, Fla.; Spokane, Wash.; South St. Paul, Minn.; Tifton, Ga.

Morris & Co. (7): Chicago, Ill.; National Stock Yards, Ill.; Kansas City, Kans.; New York City; Oklahoma City, Okla.; Omaha, Nebr.; South St. Joseph, Mo.



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U. S. DEPARTMENT OF AGRICULTURE.

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DIRECTORY OF THE BUREAU OF  
ANIMAL INDUSTRY.

(Submitted by Armour & Co.)

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CORRECTED TO JULY 1, 1922.

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GENERAL ORGANIZATION OF THE BUREAU.

*Chief:* JOHN R. MOHLER.

*Administrative Assistant:* CHARLES C. CARROLL.

*Chief Clerk:* J. R. COHRAN.

*Editor:* D. S. BURCH.

*Animal Husbandry Division:* E. W. SHEETS, acting chief.

*Biochemic Division:* M. DORSET, chief.

*Dairy Division:* C. W. LARSON, chief.

*Division of Hog-Cholera Control:* U. G. HOUCK, chief.

*Division of Virus-Serum Control:* D. I. SKIDMORE, chief.

*Field Inspection Division:* A. W. MILLER, chief.

*Meat Inspection Division:* R. P. STEDDOM, chief.

*Pathological Division:* JOHN S. BUCKLEY, chief.

*Tick Eradication Division:* R. A. RAMSAY, chief.

*Tuberculosis Eradication Division:* J. A. KIERNAN, chief.

*Zoological Division:* B. H. RANSOM, chief.

*Experiment Station:* E. C. SCHROEDER, superintendent.

*Office of Accounts:* A. C. DAVIS, in charge.

*Office of Personnel:* G. H. RUSSELL, in charge.





# STATIONS OF THE BUREAU.

[Italics indicate substations.]

Station.	Lines of work.	Official in charge.
Albany, Ga.....	Virus-serum control.....	Dr. Charles A. Klein, care Albany Serum Co., P. O. box 121.
Albany, N. Y.....	Meat inspection; public stockyards inspection; disinfection of import hides.	D. E. H. Baumann, 25 Holland Building, 17 Steuben St.
Substations: Canajoharie, N. Y. Hudson, N. Y. North Adams, Mass.		
Albany, N. Y.....	Tuberculosis eradication.....	Dr. H. B. Leonard, 122 State Street.
<i>Albany, Oreg.</i> .....	Meat inspection.....	See Portland, Oreg.
Albert Lea, Minn.....	do.....	Dr. C. E. Schneider, care Albert Lea Packing Co.
Substation: Faribault, Minn.		
Albuquerque, N. Mex...	Scabies, dourine, and tuberculosis eradication.	Dr. F. L. Schneider, P. O. box 464; office, 1-3 City Hall.
<i>Alexandria, Va.</i> .....	Meat inspection.....	See Washington, D. C.
Allentown, Pa.....	do.....	Dr. G. W. Famous, 19 Hamilton Street.
Substations: Easton, Pa. Phillipsburg, N. J. Wilkes-Barre, Pa.		
Alton, Ill.....	do.....	Dr. James Johnston, 1 Federal Building.
<i>Amarillo, Tex.</i> .....	Virus-serum control.....	See Wichita, Kans.
<i>Ambler, Pa.</i> .....	do.....	See Pearl River, N. Y.
Ames, Iowa.....	Hog-cholera investigations.....	Dr. W. B. Niles.
<i>Arabi, La.</i> .....	Meat inspection.....	See New Orleans, La.
Ardmore, S. Dak.....	Dairy, beef, and hog investigations....	Mr. J. B. Shepherd, Ardmore Field Station.
Arkansas City, Kans....	Meat inspection.....	Dr. F. E. Haworth, P. O. box 445 (office at Henneberry & Co., South Summit Street).
<i>Ashland, Ky.</i> .....	do.....	See Cincinnati, Ohio.
Athenia, N. J.....	Inspection and quarantine of imported livestock.	Dr. E. T. Davison.
Athens, Ga.....	Dairy manufacturing investigations...	Mr. L. H. Marlatt.
Atlanta, Ga.....	Tick eradication; public stockyards inspection; transportation of southern cattle.	Dr. S. J. Horne, 528 Federal Building.
Do.....	Hog-cholera control work; tuberculosis eradication.	Dr. A. L. Hirleman, care State Veterinarian, State House.
Auburn, Me.....	Meat inspection.....	Dr. L. K. Green, care E. W. Penley.
<i>Auburn, Mass.</i> .....	do.....	See Worcester, Mass.
Augusta, Ga.....	do.....	Dr. J. E. Lovejoy, Federal Building.
Substations: North Augusta, S. C. Orangeburg, S. C. Savannah, Ga.		

*Stations of the bureau—Continued.*

Station.	Lines of work.	Official in charge.
Augusta, Me.....	Tuberculosis eradication.....	Dr. J. B. Reidy, care Live Stock Sanitary Commissioner.
Augusta, Wis.....	Dairy farming investigations.....	Mr. Erwin Sutton.
Aurora, Ill.....	Virus-serum control.....	See East St. Louis, Ill.
Austin, Minn.....	Meat inspection; interstate inspection of cattle and horses.	Dr. E. W. Barthold, care George A. Hormel & Co.
Austin, Tex.....	Meat inspection.....	See Fort Worth, Tex.
Baltimore, Md.....	Meat inspection; international inspection and quarantine; public stockyards inspection.	Dr. H. A. Hedrick, 102-104 Custom-house Building.
Do.....	Tuberculosis eradication.....	Dr. T. A. Ladson, 825 Fidelity Building.
Baton Rouge, La.....	Sheep scabies and tick eradication; transportation of southern cattle; hog-cholera control.	Dr. Geo. M. Paxton, 603-604 Roumain Building.
Bayonne, N. J.....	Meat inspection.....	See Jersey City, N. J.
Beaumont, Tex.....	do.....	See Houston, Tex.
Beecher Falls, Vt.....	Canadian import and export inspection.	Dr. C. O. Benson.
Beltsville, Md.....	Animal husbandry investigations.....	Mr. B. F. Brandon.
Do.....	Dairy-production investigations.....	Mr. T. E. Woodward.
Benning, D. C.....	Meat inspection; public stockyards inspection.	See Washington, D. C.
Berkeley, Calif.....	Virus-serum control.....	Dr. W. J. Stewart, 210 Federal Building.
Substation: French Camp, Calif.		
Bethesda, Md.....	Experiment station.....	Dr. E. C. Schroeder.
Billings, Mont.....	Meat inspection.....	Dr. J. E. Ewers, care Yellowstone Packing Co.; P. O. box 1322.
Binghamton, N. Y.....	do.....	See Buffalo, N. Y.
Birmingham, Ala.....	Tick eradication; transportation of southern cattle; tuberculosis eradication; public stockyards inspection at Montgomery, Ala.	Dr. Roy E. Jackson, 44 Post Office Building.
Substation: Montgomery, Ala.		
Birmingham, Ala.....	Meat inspection.....	Dr. W. H. Meadors, care Birmingham Packing Co.
Bismarck, N. Dak.....	Scabies, dourine, and tuberculosis eradication; Canadian import and export inspection; interstate inspection of cattle and horses.	Dr. H. H. Cohenour, 349 Federal Building.
Do.....	Hog-cholera control.....	Dr. J. B. Hollenbeck, care Live Stock Sanitary Board, Bismarck Bank Building.
Blaine, Wash.....	Canadian import and export inspection.	See Seattle, Wash.
Boise, Idaho.....	Meat inspection.....	Dr. W. D. Wright, care Boise Butcher Co. (Ltd.).
Substation: Eagle, Idaho.		
Boise, Idaho.....	Tuberculosis eradication and hog-cholera control.	Dr. W. A. Sullivan, P. O. box 809.
Boone, N. C.....	Cheese extension.....	Mr. H. L. Wilson.
Boonton, N. J.....	Meat inspection.....	See Paterson, N. J.



*Stations of the bureau—Continued*

Station.	Lines of work.	Official in charge.
Boston, Mass. ....	Meat inspection; international inspection and quarantine—livestock, hides, hair, wool, and allied animal products, hay, forage, and similar material; interstate inspection of cattle and horses.	Dr. J. F. Ryder, 2001-2002 Custom-house Building.
Substations:		
Brighton, Mass.		
Cambridge, Mass.		
Chelsea, Mass.		
Lynn, Mass.		
Somerville, Mass.		
Southboro, Mass.		
Waltham, Mass.		
Woburn, Mass.		
Boston, Mass. ....	Tuberculosis eradication; public stockyards inspection.	Dr. E. A. Crossman, 2001-2002 Custom-house Building.
Substation: Brighton, Mass.		
Bradford, Pa. ....	Meat inspection. ....	See Buffalo, N. Y.
Bridgeport, Conn. ....	do. ....	Mr. Fred Hern, care Swift & Co., 464 Water Street.
Bridgeport, Pa. ....	do. ....	See Philadelphia, Pa.
Brighton, Mass. ....	Meat inspection; public stockyards inspection.	See Boston, Mass.
Bristol, Va. ....	Meat inspection. ....	Dr. J. B. Hill, P. O. box 248.
Brooklyn, N. Y. ....	do. ....	Dr. Albert Long, 4-5 Court Square.
Buffalo, N. Y. ....	Meat inspection; public stockyards inspection; Canadian import and export inspection; disinfection of import hides.	Dr. B. P. Wends, 25 Live Stock Exchange Building.
Substations:		
Binghamton, N. Y.		
Bradford, Pa.		
Corning, N. Y.		
Elmira, N. Y.		
Olean, N. Y.		
Rochester, N. Y.		
Syracuse, N. Y.		
Buffalo, Wyo. ....	Cooperative animal feeding and breeding investigations.	Mr. James Hutton.
Burlington, Vt. ....	Meat inspection. ....	Dr. C. C. Conley, 308 Federal Building.
Substation: Hyde Park, Vt.		
Butte, Mont. ....	do. ....	Dr. Albert E. Evans, care Hansen Packing Co.
Cairo, Ill. ....	do. ....	Dr. J. R. Brown, care E. Bucher Packing Co.
Calais, Me. ....	Canadian import and export inspection.	Dr. H. T. Potter, Federal Building.
Calexico, Calif. ....	Mexican import and export inspection.	Dr. John C. Pace.
Cambridge, Mass. ....	Meat inspection. ....	See Boston, Mass.
Camden, N. J. ....	do. ....	See Philadelphia, Pa.
Canajoharie, N. Y. ....	do. ....	See Albany, N. Y.
Cedar Rapids, Iowa. ....	do. ....	Dr. A. M. Casper, care T. M. Sinclair & Co. (Ltd.).
Do. ....	Virus-serum control. ....	See Ottumwa, Iowa.
Charleston, W. Va. ....	Tuberculosis eradication. ....	Dr. G. W. Neff, P. O. box 33.
Chattanooga, Tenn. ....	Meat inspection; public stockyards inspection.	Dr. F. H. Collins, 402 Post Office Building.
Chelsea, Mass. ....	Meat inspection. ....	See Boston, Mass.
Chester, N. Y. ....	Meat inspection; hog cholera control.	See Paterson, N. J.

*Stations of the bureau—Continued.*

Station.	Lines of work.	Official in charge.
Cheyenne, Wyo.....	Tuberculosis eradication.....	Dr. J. T. Dallas, 310 State House; mail, P. O. box 355.
Chicago, Ill.....	Meat inspection; export inspection; public stockyards inspection; investigation of animal diseases; disinfection of import hides.	Dr. W. N. Neil, Drivers' National Bank Building, Forty-second and Halsted Streets.
Substations:		
Elgin, Ill.		
Eola, Ill.		
Zion City, Ill.		
Chicago, Ill.....	Meat-inspection laboratory .....	Mr. C. T. N. Marsh, 4193 South Halsted Street.
Do.....	Virus-serum control.....	See East St. Louis, Ill.
Do.....	Tuberculosis eradication.....	Dr. J. J. Lintner, 316 Live Stock Exchange Building, Union Stock Yards.
Chicopee, Mass.....	Meat inspection.....	See Springfield, Mass.
Chipley, Fla.....	.....do.....	Dr. W. F. Osborn, care Chipley Packing Co.
Cincinnati, Ohio.....	Meat inspection; public stockyards inspection.	Dr. Frank Jelen, Stock Yards Station.
Substations:		
Ashland, Ky.		
Newport, Ky.		
Circleville, Ohio.....	Meat inspection .....	See Columbus, Ohio.
Clarkston, Wash.....	.....do.....	See Lewiston, Idaho.
Cleveland, Ohio.....	Meat inspection; public stockyards inspection.	Dr. H. H. George, 535-537 Federal Building.
Coatesville, Pa.....	Meat inspection .....	See Philadelphia, Pa.
College Park, Md.....	Educational and regulatory hog-cholera work.	Dr. I. K. Atherton, care University of Maryland.
Colorado Springs, Colo...	Virus-serum control .....	See Denver, Colo.
Columbia, S. C.....	Tick eradication; transportation of southern cattle; tuberculosis eradication; educational hog-cholera and control.	Dr. W. K. Lewis, 901-902 Liberty National Bank Building.
Columbus, Ohio.....	Meat inspection.....	Dr. O. W. Everly, 44 Federal Building.
Substation: Circleville, Ohio.		
Columbus, Ohio.....	Hog-cholera-control; tuberculosis eradication.	Dr. L. E. Davis, P. O. box 935 (office in Annex State House).
Do.....	Virus-serum control .....	See Indianapolis, Ind.
Converse, Mo.....	.....do.....	See Kansas City, Kans.
Corning, N. Y.....	Meat inspection.....	See Buffalo, N. Y.
Cudahy, Wis.....	.....do.....	See Milwaukee, Wis.
Cumberland, Md.....	.....do.....	Mr. J. C. Shafer, care Swift & Co.
Dallas, Tex.....	.....do.....	See Fort Worth, Tex.
Danbury, Conn.....	.....do.....	See New York, N. Y.
Davenport, Iowa.....	.....do.....	Dr. Peter A. Franzmann, care Kohrs Packing Co.
Dayton, Ohio.....	Meat inspection; public stockyards; inspection.	Dr. W. O. Trone, P. O. box 979 (office, 314-315 Federal Building).
Delhi, Calif.....	Dairy community development.....	Mr. C. V. Castle.
Denver, Colo.....	Meat inspection; renovated-butter inspection.	Dr. C. F. Payne, 303 Live Stock Exchange Building.
Do.....	Scabies, dourine, and tuberculosis eradication; hog-cholera control; public stockyards inspection.	Dr. W. E. Howe, 444 Post Office Building.



*Stations of the bureau—Continued.*

Station.	Lines of work.	Official in charge.
Denver, Colo.....	Virus-serum control.....	Dr. E. H. Carter, 5030 York Street.
Substation: Colo- rado Springs, Colo.		
Des Moines, Iowa.....	Meat inspection.....	Dr. C. W. Deming, care Iowa Packing Co., P. O. box 1476.
Do.....	Tuberculosis eradication; hog-chole- ra control; sheep-scabies eradication.	Dr. F. H. Thompson, 111 Federal Building.
Do.....	Virus-serum control.....	See Fort Dodge, Iowa.
Detroit, Mich.....	Meat inspection; public stockyards; inspection; Canadian import and export inspection; disinfection of import hides.	Dr. E. P. Schaffter, 408 Post Office Building.
Do.....	Virus-serum control.....	See Indianapolis, Ind.
Dobbs Ferry, N. Y.....	Meat inspection.....	See New York, N. Y.
Dover, Del.....	Educational and regulatory hog-cho- lera work.	Dr. Morris Zurkow, P. O. box 259.
Do.....	Meat inspection.....	See Philadelphia, Pa.
Dover, N. J.....	.....do.....	See Newark, N. J.
Dubois, Idaho.....	Range-sheep investigations.....	Mr. V. O. McWhorter.
Dubuque, Iowa.....	Meat inspection.....	D. H. H. Dell, P. O. box 236 (office at Corn Belt Packing Co.).
Duluth, Minn.....	.....do.....	Dr. Chester Miller, care Elliott & Co.
Eagle, Idaho.....	.....do.....	See Boise, Idaho.
East Deering, Me.....	.....do.....	See Portland, Me.
East Lansing, Mich.....	Cheese extension.....	Mr. H. C. Jordan, College of Agricul- ture.
East Liverpool, Ohio.....	Meat inspection.....	See Pittsburgh, Pa.
Easton, Pa.....	.....do.....	See Allentown, Pa.
East St. Louis, Ill.....	.....do.....	See National Stock Yards, Ill.
East St. Louis, Ill.....	Virus-serum control.....	Dr. J. W. Joss, 327 Federal Building.
Substations: Aurora, Ill. Chicago, Ill. St. Louis, Mo. White Hall, Ill.		
Eau Claire, Wis.....	Meat inspection.....	Dr. William Fotheringham, care Drum- mond Packing Co.
Elgin, Ill.....	.....do.....	See Chicago, Ill.
Elmira, N. Y.....	.....do.....	See Buffalo, N. Y.
El Paso, Tex.....	Meat inspection; Mexican import and export inspection; interstate inspec- tion of cattle and horses.	Dr. T. A. Bray, 305-306 Caples Build- ing.
Eola, Ill.....	Meat inspection.....	See Chicago, Ill.
Erie, Pa.....	.....do.....	Dr. E. P. Barnhart, care Schaffner Bros. Co., Fifteenth, between Ash and Wayne Streets.
Evansville, Ind.....	.....do.....	Dr. Louis Metsker, care The Evansville Packing Co.
Evansville, Wis.....	.....do.....	See Milwaukee, Wis.
Fall River, Mass.....	.....do.....	See Providence, R. I.
Faribault, Minn.....	.....do.....	See Albert Lea, Minn.
Fergus Falls, Minn.....	.....do.....	Dr. M. L. Davenport, care Fergus Cooperative Packing Co.

*Stations of the bureau—Continued.*

Station.	Lines of work.	Official in charge.
Ferndale, Wash.....	Canadian import and export inspection.	Dr. E. N. Hutchinson.
<i>Fitchburg, Mass.</i> .....	Meat inspection.....	See Worcester, Mass.
Fond du Lac, Wis. ....	Dairy farming investigations.....	Mr. H. C. Searles.
<i>Fort Atkinson, Wis.</i> .....	Meat inspection.....	See Milwaukee, Wis.
Fort Dodge, Iowa .....	Virus-serum control .....	Dr. D. G. Tepfer, 32 Post Office Building.
Substation: Des Moines, Iowa.		
Fort Smith, Ark.....	Meat inspection.....	Mr. W. B. Nichols, P. O. box 403 (office at Swift & Co.).
Fort Wayne, Ind .....	do.....	Dr. Joshua Miller, care Fred Eckart Packing Co.
Fort Worth, Tex.....	do.....	Dr. C. L. Norris, 218 Live Stock Exchange Building.
Substations:		
Austin, Tex.		
Dallas, Tex.		
San Antonio, Tex.		
Fort Worth, Tex.....	Cattle scabies, sheep scabies, tick, and tuberculosis eradication; public stockyards inspection; transportation of southern cattle; hog-cholera control.	Dr. Harry Grafke, 2001 F. & M. Bank Building.
Substation: Houston, Tex.		
Do.....	Virus-serum control .....	Dr. E. T. Marsh, care Globe Laboratories, P. O. Box 37, Stock Yards Station.
<i>Fostoria, Ohio</i> .....	do.....	See Indianapolis, Ind.
Frankfort, Ky.....	Hog-cholera control; tuberculosis eradication.	Dr. W. F. Biles, 605-606 McClure Building, Main and St. Clair Streets.
<i>Franklin, Nebr.</i> .....	Virus-serum control.....	See Kansas City, Kans.
Frederick, Md.....	Meat inspection.....	Dr. C. B. Weagly, care J. A. Whitfield Co.
<i>French Camp, Calif.</i> .....	Virus-serum control.....	See Berkeley, Calif.
Glendale, Ariz.....	Poultry feeding and breeding .....	Mr. N. E. Luce.
<i>Glen Olden, Pa.</i> .....	Virus-serum control .....	See Pearl River, N. Y.
<i>Goshen, N. Y.</i> .....	do.....	Do.
Grand Forks, N. Dak...	Meat inspection .....	Dr. M. E. Schwab, care Northern Packing Co.
Grand Island, Nebr....	Virus-serum control .....	Dr. E. E. Lollar, P. O. box 286 (office Federal Building).
Greeneville, Tenn .....	Meat inspection.....	See Morristown, Tenn.
Green Bay, Wis.....	do.....	Mr. W. A. Donegan, P. O. box 453 (office at Acme Packing Co.).
Grenada, Miss.....	Virus-serum control; meat inspection..	Dr. J. S. Clark, care Cotton States Serum Co., P. O. box 347.
<i>Gretna, La.</i> .....	Meat inspection.....	See New Orleans, La.
Grove City, Pa.....	Dairy manufacturing investigations...	Mr. William White.
<i>Guttenberg, N. J.</i> .....	Meat inspection.....	See New York, N. Y.
<i>Hackensack, N. J.</i> .....	do .....	See Paterson, N. J.
Hallstead, Pa.....	do.....	Dr. S. M. Page (office at The Williams Live Stock Co.).
Harrisburg, Pa.....	do.....	Dr. W. C. Siegmund, care Swift & Co.
Substations:		
Lebanon, Pa.		
Palmyra, Pa.		



*Stations of the bureau—Continued.*

Station.	Lines of work.	Official in charge.
Harrisburg, Pa.....	Tuberculosis eradication .....	Dr. P. E. Quinn, P. O. box 327 (office, Pennsylvania State B. A. I., Fourth and North Streets).
Hartford, Conn.....	Meat inspection.....	Mr. W. E. Jennings, care S. D. Chamberlin & Sons, 179 State Street.
Do.....	Tuberculosis eradication .....	Dr. R. L. Smith, care Commissioner on Domestic Animals.
Harvey, La.....	Meat inspection .....	See New Orleans, La.
Haverhill, Mass.....	.....do.....	Dr. H. Q. Thompson, care E. H. Moulton Co.
Substation: Lawrence, Mass.		
Helena, Ark .....	.....do.....	Mr. B. L. McCaslin, care Morris & Co., Elm and Mulberry Streets.
Helena, Mont.....	Hog-cholera control, scabies, dourine, and tuberculosis eradication; Canadian import and export inspection; interstate inspection of cattle and horses.	Dr. Rudolph Snyder, P. O. box 844, Capitol Station.
Henderson, Ky.....	Meat inspection.....	Dr. R. H. Nutt, care Eckert Packing Co., P. O. box 272.
Hoboken, N. J.....	.....do.....	See Jersey City, N. J.
Hooper, Nebr.....	Virus-serum control.....	See Omaha, Nebr.
Houlton, Me.....	Meat inspection.....	Dr. E. P. Henderson, care Houlton Dressed Meat Co.
Houston, Tex.....	Tick eradication.....	See Fort Worth, Tex.
Houston, Tex.....	Meat inspection; Mexican import and export inspection.	Dr. C. F. Palmer, 306 Federal Building.
Substation: Beaumont, Tex.		
Hudson, N. Y.....	Meat inspection .....	See Albany, N. Y.
Huntley, Mont.....	Western experiments in dairying and livestock production.	Mr. Dan Hansen, care Experiment Station.
Do.....	Dairy experiments .....	Mr. T. W. Moseley, care Experiment Station.
Hutchinson, Kans.....	Virus-serum control .....	See Wichita, Kans.
Hyde Park, Vt.....	Meat inspection.....	See Burlington, Vt.
Indianapolis, Ind.....	Virus-serum control.....	Dr. J. D. Stillwell, 1106 Hume-Mansur Building.
Substations:		
Columbus, Ohio.		
Detroit, Mich.		
Fostoria, Ohio.		
Noblesville, Ind.		
Plainfield, Ind.		
Rochester, Mich.		
Thorntown, Ind.		
Urbana, Ill.		
Woodworth, Wis.		
Zionsville, Ind.		
Indianapolis, Ind.....	Meat inspection; public stockyards inspection.	Dr. G. W. Butler, 323 Federal Building.
Substations:		
Plainfield, Ind.		
Thorntown, Ind.		
Zionsville, Ind.		
Indianapolis, Ind.....	Hog-cholera control; tuberculosis eradication.	Dr. E. Blaine Haskin, 133 State House Building.

*Stations of the bureau—Continued.*

Station.	Lines of work.	Official in charge.
Ironwood, Mich.....	Meat inspection.....	Mr. E. J. Noll, care Meyer Bros., corner Lowell and Frederick Streets.
Jackson, Miss.....	Tick eradication; transportation of southern cattle.	Dr. J. A. Barger, 605 Millsaps Building, corner Capital and Roach Streets.
Do.....	Hog-cholera control; tuberculosis eradication.	Dr. H. L. Fry, P. O. box 725.
Jacksonville, Fla.....	Meat inspection.....	Dr. E. F. Haven, care Armour & Co., Talleyrand Avenue.
Jacksonville, Ill.....	.....do.....	Dr. J. B. Clancy, care Powers-Begg & Co.
Jeanerette, La.....	Livestock investigations—cane sugar and cotton districts.	Mr. J. R. Quesenberry, care Iberia Live-Stock Experiment Farm.
Jefferson City, Mo.....	Hog-cholera control, tuberculosis eradication.	Dr. Ralph Graham, P. O. box 59 (office, 9 Federal Building).
<i>Jefferson, Wis.</i>	Meat inspection.....	See Milwaukee, Wis.
Jersey City, N. J.....	Meat inspection; public stockyards inspection.	Dr. R. M. Mullings, 6 Federal Building.
Substations:		
Bayonne, N. J.		
Hoboken, N. J.		
North Bergen, N. J.		
Jonesboro, Ark.....	Beef-cattle investigations.....	Mr. S. S. Jerdan.
Kansas City, Kans.....	Meat inspection; public stockyards inspection; tuberculosis eradication.	Dr. James Fleming, 23 Federal Building.
Substations:		
Kansas City, Mo.		
Rosedale, Kans.		
Kansas City, Kans.....	Meat-inspection laboratory.....	Mr. H. C. Kershner, Federal Building.
Do.....	Virus-serum control.....	Dr. F. A. Imler, 19 Federal Building.
Substations:		
Converse, Mo.		
Franklin, Nebr.		
Kansas City, Mo.		
Lathrop, Mo.		
Manhattan, Kans.		
Marshall, Mo.		
Rosedale, Kans.		
St. Joseph, Mo.		
South St. Joseph, Mo.		
Superior, Nebr.		
Topeka, Kans.		
Westplains, Mo.		
Kansas City, Kans.....	Investigations concerning external parasites of livestock.	Dr. Marion Imes, 23 Federal Building.
<i>Kansas City, Mo.....</i>	Meat inspection.....	See Kansas City, Kans.
Do.....	Virus-serum control.....	Do.
Kansas City, Mo.....	Enforcement 28-hour law and quarantine regulations in the field.	Mr. Geo. C. Moser, 800 Live Stock Exchange.
<i>Kearney, N. J.....</i>	Meat inspection.....	See Newark, N. J.
Keene, N. H.....	.....do.....	Dr. T. W. Carnahan, care Cheshire Beef and Produce Co.
Knoxville, Tenn.....	Dairy manufacturing investigations...	Mr. W. L. Clevenger, care College of Agriculture.
Do.....	Meat inspection.....	Dr. S. A. King, P. O. box 505.
La Fayette, Ind.....	.....do.....	Dr. C. H. Herrold, First and Ellsworth Streets (office at Establishment 239).



*Stations of the bureau—Continued.*

Station.	Lines of work.	Official in charge.
Lancaster, Pa.....	Public stockyards inspection.....	Dr. A. F. Staub, 23 E. Liberty Street.
Lansing, Mich.....	Hog - cholera - control; sheep - scabies eradication.	Dr. H. M. Newton, 722-723 State Office Building.
Do.....	Tuberculosis eradication.....	Dr. T. S. Rich, 722-723 State Office Building.
Lathrop, Mo.....	Virus-serum control.....	See Kansas City, Kans.
Lawrence, Mass.....	Meat inspection.....	See Haverhill, Mass.
Leavenworth, Kans.....	do.....	Dr. E. N. Tierney, care The Schalker Packing Co.
Lebanon, Pa.....	do.....	See Harrisburg, Pa.
Leesburg, Va.....	do.....	See Washington, D. C.
Leominster, Mass.....	do.....	See Worcester, Mass.
Lewisburg, W. Va.....	Beef production in Appalachian region.	Mr. R. H. Tuckwiller.
Lewiston, Idaho.....	Meat inspection.....	Dr. F. G. Miller, 8 Federal Building.
Substation: Clarkston, Wash.		
Lincoln, Nebr.....	Hog-cholera control; sheep scabies, cattle scabies, and tuberculosis eradication.	Dr. C. H. Hays, 332 Federal Building.
Little Rock, Ark.....	Tick eradication; transportation of southern cattle.	Dr. W. A. McDonald 312 Gazette Building.
Do.....	Hog-cholera control and tuberculosis eradication.	Dr. W. E. Dodd, Old State House.
Logansport, Ind.....	Meat inspection.....	Dr. C. H. Deisel, care W. C. Routh & Co.
London, England.....	International inspection and quarantine.	Dr. W. H. Wray, Maryland, Led borough Lane, Beaconsfield, Bucks, England. (Cable address, Wrayt, London.)
Los Angeles, Calif.....	Meat inspection; international inspection and quarantine.	Dr. G. T. Irons, 504 Post Office Building.
Substation: Pomona, Calif.		
Louisville, Ky.....	Meat inspection; public stockyards inspection.	Dr. J. B. Johnson, 524 Customhouse Building.
Lynn, Mass.....	Meat inspection.....	See Boston, Mass.
McNeill, Miss.....	Beef-cattle production.....	Mr. S. W. Greene, Mississippi Coastal Plain Experiment Station.
Macon, Ga.....	Meat inspection.....	Mr. A. H. Carpenter, care Procter & Gamble Co., Hazel Street.
Madison, Ind.....	do.....	Dr. R. R. Newman, P. O. box 254 (office at the Pearl Packing House, 710 North West Street).
Madison, Wis.....	do.....	Dr. R. J. Digman, care Oscar Mayer & Co.
Do.....	Dairy farming investigations.....	Mr. A. J. Cramer.
Do.....	Hog-cholera control.....	Dr. J. T. Purcell, care Department of Agriculture, Capitol Building.
Do.....	Tuberculosis eradication.....	Dr. J. S. Healy, 11 East State Capitol.
Mamaroneck, N. Y.....	Meat inspection.....	See New York, N. Y.
Manchester, N. H.....	do.....	Mr. John Hurley, care Swift & Co., Depot and Franklin Streets.
Substation: Nashua, N. H.		
Manhattan, Kans.....	Virus-serum control.....	See Kansas City, Kans.
Marietta, Pa.....	do.....	See Pearl River, N. Y.
Marion, Ohio.....	Meat inspection.....	Dr. F. E. Theobald, care The Marion Packing Co., West Center Street.

*Stations of the bureau—Continued.*

Station.	Lines of work.	Official in charge.
Marshall, Mo.....	Virus-serum control.....	See Kansas City, Kans.
Do.....	Meat inspection.....	Do.
Mason City, Iowa.....	.....do.....	Dr. C. J. Millen, care Jacob E. Decker & Sons.
Media, Pa.....	.....do.....	See Philadelphia, Pa.
Memphis, Tenn.....	Meat inspection; public stockyards inspection.	Dr. C. L. E. Kerr, care Morris & Co.
Menominee, Mich.....	Meat inspection.....	Dr. O. A. Christianson, 210 Bellview Street.
Middlebury, Vt.....	Cooperative animal feeding and breeding investigations; first horse-breeding district.	Mr. H. H. Reese, U. S. Morgan Horse Farm.
Middletown, N. Y.....	Meat inspection.....	See Paterson, N. J.
Milwaukee, Wis.....	Meat inspection; public stockyards; inspection; disinfection of import hides.	Dr. A. E. Behnke, 423 Federal Building.
Substations:		
Cudahy, Wis.		
Evansville, Wis.		
Fort Atkinson, Wis.		
Jefferson, Wis.		
Minneapolis, Minn.....	Meat inspection.....	See South St. Paul, Minn.
Mobile, Ala.....	.....do.....	See New Orleans, La.
Montgomery, Ala.....	Public stockyards inspection.....	See Birmingham, Ala.
Montpelier, Vt.....	Tuberculosis eradication.....	Dr. A. J. De Fosset, care Commissioner of Agriculture, State House.
Morristown, Tenn.....	Meat inspection.....	Dr. C. P. Hart, P. O. box 1 (office at 204 Federal Building).
Substation:		
Greeneville, Tenn.		
Moscow, Idaho.....	.....do.....	Dr. S. V. Ewers, P. O. box 245; office Hagan & Cushing Co.
Moultrie, Ga.....	.....do.....	Dr. G. T. Cole, care Moultrie Packing Co.
Muscatine, Iowa.....	Virus-serum control.....	See Ottumwa, Iowa.
Nashua, N. H.....	Meat inspection.....	See Manchester, N. H.
Nashville, Tenn.....	Meat inspection; public stockyards inspection.	Dr. E. F. Cary, 1310 Adams Street.
Do.....	Virus-serum control.....	Dr. B. McCormack, care White Serum Co., 1317-1319 Adams Street.
Do.....	Hog-cholera control; tuberculosis eradication.	Dr. E. D. Smith, 405 Seventh Avenue North.
Natchez, Miss.....	Meat inspection.....	Dr. W. C. Kailer, P. O. box 333 (office at 112 North Commerce Street).
Substation: Vicksburg, Miss.		
National Stock Yards, Ill.	Meat inspection; public stockyards inspection.	Dr. J. S. Jenison, Live Stock Exchange Building.
Substation:		
East St. Louis, Ill.		
National Stock Yards, Ill.	Enforcement 28-hour law and quarantine regulations in the field.	Mr. T. B. Hamilton, Live Stock Exchange Building.
Nebraska City, Nebr....	Meat inspection.....	Dr. G. A. Kay, care Morton-Gregson Co.



*Stations of the bureau—Continued.*

Station.	Lines of work.	Official in charge.
Newark, N. J. ....	Meat inspection.....	Dr. A. F. Martins, 1094 Broad Street.
Substations:		
Dover, N. J.		
Kearny, N. J.		
Trenton, N. J.		
West Orange, N. J.		
Newark, N. J. ....	Public stockyards inspection.....	See Trenton, N. J.
New Bedford, Mass. ....	Meat inspection .....	See Providence, R. I.
New Brunswick, N. J. ....	Virus-serum control .....	See Pearl River, N. Y.
Newell, S. Dak. ....	Western experiments in dairying and livestock production.	Mr. Beyer Aune, Belle Fourche Experiment Farm.
New Haven, Conn. ....	Meat inspection.....	Dr. W. T. Conway, care Sperry & Barnes Co., Long Wharf.
New Orleans, La. ....	Meat inspection; public stockyards inspection; international inspection and quarantine; tuberculosis eradication.	Dr. R. W. Tuck, 323-324 New Post Office Building.
Substations:		
Arabi, La.		
Gretna, La.		
Harvey, La.		
Mobile, Ala.		
Pensacola, Fla.		
Newport, Ky. ....	Meat inspection.....	See Cincinnati, Ohio.
Newport, Minn. ....	.....do.....	See South St. Paul, Minn.
Newport, R. I. ....	.....do.....	See Providence, R. I.
Newport, Vt. ....	Canadian import and export inspection.	Dr. J. E. Spindler, 10 Federal Building.
New Richmond, Wis. ....	Meat inspection.....	Dr. J. H. Kitzhofer, care Hatley Bros. Co.
New York, N. Y. ....	Meat inspection; interstate inspection, import-meat inspection.	Dr. N. L. Townsend, 303 U. S. Barge Office.
Substations:		
Danbury, Conn.		
Dobbs Ferry, N. Y.		
Guttenberg, N. J.		
Mamaroneck, N. Y.		
Pawling, N. Y.		
Tuckahoe, N. Y.		
New York, N. Y. ....	Meat-inspection laboratory.....	Mr. W. F. Schroeder, 326 U. S. Barge Office.
Do. ....	International inspection and quarantine—livestock, hides, hair, wool, and allied animal products, hay, forage, and similar materials.	Dr. A. E. Kishel, 140 Customhouse Building.
Do. ....	Virus-serum control.....	See Pearl River, N. Y.
Noblesville, Ind. ....	.....do.....	See Indianapolis, Ind.
Norfolk, Va. ....	Meat inspection.....	Mr. J. M. Harris, P. O. box 465 (office at Armour & Co., 226 Water Street).
Substation: Smithfield, Va.		
Norfolk, Va. ....	International inspection; hog-cholera control.	Dr. T. M. Owen, P. O. box 465 (office at 305 Bankers Trust Building).
North Adams, Mass. ....	Meat inspection.....	See Albany, N. Y.
North Augusta, S. C. ....	.....do.....	See Augusta, Ga.
North Bergen, N. J. ....	.....do.....	See Jersey City, N. J.
North Portland, Oreg. ....	.....do.....	See Portland, Oreg.
Ogden, Utah. ....	Meat inspection.....	Dr. E. D. Kennedy, 220 Federal Building.

*Stations of the bureau—Continued.*

Station.	Lines of work.	Official in charge.
Ogden, Utah.....	Virus-serum control .....	Dr. E. Lapple, care Utah Serum Co., Wilson Lane.
Ogdensburg, N. Y.....	Canadian import and export inspection.	Dr. Charles Cowie.
Oklahoma, Okla.....	Meat inspection; public stockyards inspection.	Dr. J. S. Grove, 215 Exchange Building, Stock Yards Station.
Do.....	Hog-cholera control; tuberculosis eradication.	Dr. C. F. Harrington, Room 507, Continental Building.
Do.....	Tick eradication; transportation of southern cattle; cattle and sheep scabies eradication.	Dr. Leslie J. Allen, 501-503 Continental Building.
Do.....	Virus-serum control.....	Dr. C. B. Clement, 1837 West Hickory Street.
Olean, N. Y.....	do.....	See Buffalo, N. Y.
Olympia, Wash.....	Scabies and tuberculosis eradication; hog-cholera control.	Dr. J. C. Exline, 203 Federal Building, P. O. box 304.
Omaha, Nebr.....	Meat inspection; public stockyards inspection.	Dr. Herman Busman, Federal Building, South Omaha Station.
Do.....	Meat-inspection laboratory.....	Mr. E. A. Boyer, Federal Building, South Omaha Station.
Do.....	Virus-serum control .....	Dr. H. H. Day, 230 Federal Building, South Omaha Station.
Substations:		
Hooper, Nebr.		
Ralston, Nebr.		
Orangeburg, S. C.....	Meat inspection .....	See Augusta, Ga.
Ottumwa, Iowa.....	do.....	Dr. F. T. Suit, care John Morrell & Co.
Do.....	Virus-serum control.....	Dr. L. B. Vermillion, care Ottumwa Serum Co.
Substations:		
Cedar Rapids, Iowa.		
Muscatine, Iowa.		
Palmira, Pa.....	Meat inspection.....	See Harrisburg, Pa.
Passaic, N. J.....	do.....	See Paterson, N. J.
Paterson, N. J.....	do.....	Dr. Archibald McBride, 24 Post Office Building.
Substations:		
Boonton, N. J.		
Chester, N. Y.		
Hackensack, N. J.		
Middletown, N. Y.		
Passaic, N. J.		
Upper Preakness, N. J.		
Pawling, N. Y.....	do.....	See New York, N. Y.
Pawtucket, R. I.....	do.....	See Providence, R. I.
Pearl River, N. Y.....	Virus-serum control; meat inspection..	Dr. J. P. O'Leary, P. O. box 536.
Substations:		
Ambler, Pa.		
Glen Olden, Pa.		
Goshen, N. Y.		
Marietta, Pa.		
New Brunswick, N. J.		
New York, N. Y.		
Swiftwater, Pa.		



*Stations of the bureau—Continued.*

Station.	Lines of work.	Official in charge.
<i>Pensacola, Fla.</i> .....	Meat inspection.....	See New Orleans, La.
<i>Peoria, Ill.</i> .....	Meat inspection; interstate inspection of cattle and horses.	Dr. A. N. Hughes, 12 Exchange Building, Union Stock Yards.
<i>Philadelphia, Pa.</i> .....	Meat inspection; public stockyards inspection; international inspection and quarantine; disinfection of import hides.	Dr. C. A. Schaufler, 520 Walnut Street.
Substations: <i>Bridgeport, Pa.</i> <i>Coatesville, Pa.</i> <i>Dover, Del.</i> <i>Camden, N. J.</i> <i>Media, Pa.</i> <i>West Chester, Pa.</i>		
<i>Phillipsburg, N. J.</i> .....	Meat inspection.....	See Allentown, Pa.
<i>Pierre, S. Dak.</i> .....	Scabies, donrine, and tuberculosis eradication; interstate inspection of cattle and horses; hog-cholera control.	Dr. J. O. Wilson, 309 Federal Building.
<i>Pittsburg, Kans.</i> .....	Meat inspection; interstate inspection of cattle and horses.	Dr. J. E. Blackwell, care The Hull & Dillon Packing Co.
<i>Pittsburgh, Pa.</i> .....	Meat inspection; public stockyards inspection.	Dr. G. E. Totten, 1204 East End Trust Building, Highland and Penn Avenues.
Substations: <i>East Liverpool, Ohio.</i> <i>Sharon, Pa.</i> <i>Youngstown, Ohio.</i>		
<i>Plainfield, Ind.</i> .....	Meat inspection.....	See Indianapolis, Ind.
<i>Do.</i> .....	Virus-serum control.....	Do.
<i>Pomona, Calif.</i> .....	Meat inspection.....	See Los Angeles, Calif.
<i>Port Huron, Mich.</i> .....	Canadian import and export inspection.	Dr. C. H. Canfield, 822 Wall Street
<i>Portland, Me.</i> .....	Meat inspection; international export inspection; interstate inspection of cattle and horses.	Dr. A. N. Smith, 92 Presumpscott Street, Woodfords Station.
Substation: <i>East Deering, Me.</i>		
<i>Portland, Oreg.</i> .....	Meat inspection; public stockyards inspection; Canadian import and export inspection; international inspection and quarantine.	Dr. E. C. Joss, 530 Post Office Building.
Substations: <i>Albany, Oreg.</i> <i>North Portland, Oreg.</i> <i>Salem, Oreg.</i>		
<i>Portland, Oreg.</i> .....	Tuberculosis eradication.....	Dr. S. B. Foster, 528 Post Office Building.
<i>Pottsville, Pa.</i> .....	Meat inspection.....	Dr. G. H. Woolfolk, Water Street.
Substation: <i>Shamokin, Pa.</i>		
<i>Providence, R. I.</i> .....	.....do.....	Dr. H. M. Smith, 407-409 Federal Building.
Substations: <i>Fall River, Mass.</i> <i>New Bedford, Mass.</i> <i>Newport, R. I.</i> <i>Pawtucket, R. I.</i> <i>South Bellingham, Mass.</i> <i>Woonsocket, R. I.</i>		
<i>Pueblo, Colo.</i> .....	.....do.....	Dr. B. F. Gooch, care The Nuckolls Packing Co.
<i>Purcellville, Va.</i> .....	.....do.....	See Washington, D. C.

*Stations of the bureau—Continued.*

Station.	Lines of work.	Official in charge.
Raleigh, N. C. ....	Hog-cholera control .....	Dr. Frank D. Owen, P. O. box 615.
Do.....	Tuberculosis eradication.....	Dr. Paul Vaughn, State Museum Building.
Ralston, Nebr.....	Virus-serum control .....	See Omaha, Nebr.
Reading, Pa.....	Meat inspection .....	Dr. R. O. Rothermel, care Reading Abattoir Co., 3d and Pine Streets.
Reno, Nev.....	.....do .....	Dr. L. C. Butterfield, care Nevada Packing Co.
Richmond, Ind.....	.....do .....	Dr. C. O. Wagoner, 40 Liberty Avenue.
Richmond, Va.....	Meat inspection; public stockyards inspection.	Dr. Henry Marshall, 223 Federal Building.
Do.....	Tuberculosis eradication.....	Dr. R. E. Brookbank, 418 Lyric Building.
Rochester, Mich.....	Virus-serum control.....	See Indianapolis, Ind.
Rochester, N. Y.....	Meat inspection.....	See Buffalo, N. Y.
Rosedale, Kans.....	.....do .....	See Kansas City, Kans.
Do.....	Virus-serum control.....	Do.
Rosslyn, Va.....	Meat inspection.....	See Washington, D. C.
Rouses Point, N. Y.....	Canadian import and export inspection.	Dr. D. G. Shumway.
Sacramento, Calif.....	Scabies, tick, and tuberculosis eradication; interstate inspection of cattle and horses; hog-cholera control.	Dr. W. M. MacKellar, P. O. box 338 (office at 212 Federal Building).
Do.....	Meat inspection.....	See San Francisco, Calif.
St. Joseph, Mo.....	Virus-serum control .....	See Kansas City, Kans.
St. Louis, Mo.....	Meat inspection.....	Dr. J. J. Brougham, Dome of Federal Building, 8th and Olive Streets.
Do.....	Meat-inspection laboratory.....	Mr. C. H. Swanger, Dome of Federal Building, Ninth and Olive Sts.
Do.....	Virus-serum control.....	See East St. Louis, Ill.
St. Paul, Minn.....	Meat inspection.....	See South St. Paul, Minn.
St. Paul, Minn.....	Dairy farming investigations.....	Mr. L. V. Wilson, University Farm.
Do.....	Tuberculosis eradication.....	Dr. W. J. Fretz, 1020 Commerce Building.
Do.....	Virus-serum control .....	See Sioux City, Iowa.
Salem, Oreg.....	Meat inspection.....	See Portland, Oreg.
Salt Lake City, Utah.....	.....do .....	Dr. E. P. Durham, 326 Federal Building.
Do.....	Scabies eradication; interstate inspection of cattle and horses; tuberculosis eradication; hog-cholera control.	Dr. F. E. Murray, 326 Federal Building.
Do.....	Western dairy investigations.....	Mr. J. E. Dorman, 318 Federal Building.
San Antonio, Tex.....	Meat inspection.....	See Fort Worth, Tex.
San Antonio, Tex.....	Mexican import and export inspection; public stockyards inspection.	Dr. William Thompson, P. O. box 325 (office, 211 Federal Building).
San Diego, Calif.....	Meat inspection; Mexican import and export inspection; tick eradication; interstate inspection of cattle and horses.	Dr. Joel E. Cloud, 219 Federal Building.
Sandpoint, Idaho.....	Meat inspection.....	Dr. H. C. Ingraham, care Bonner Meat Co.



*Stations of the bureau—Continued.*

Station.	Lines of work.	Official in charge.
San Francisco, Calif..... Substations: Sacramento, Calif. Stockton, Calif.	Meat inspection; international inspection and quarantine.	Dr. H. H. Hicks, 501 Customhouse Building.
San Francisco, Calif.....	Meat-inspection laboratory.....	Mr. A. E. Graham, 45½ Appraiser's Building.
San Juan, P. R.....	Investigation of animal diseases in Porto Rico, and inspection and quarantine.	Dr. Juan Varas Catala.
Sault Ste. Marie, Mich..	Canadian import and export inspection.	Dr. John F. Deadman.
Savannah, Ga.....	Meat inspection.....	See Augusta, Ga.
Seattle, Wash..... Substations: Blaine, Wash. Sumas, Wash.	Meat inspection; public stockyards inspection; Canadian import and export inspection, and international inspection.	Dr. Jens Madsen, 557 Central Building.
Shamokin, Pa.....	Meat inspection.....	See Pottsville, Pa.
Sharon, Pa.....	.....do.....	See Pittsburgh, Pa.
Shreveport, La.....	.....do.....	Mr. Levi Bryant, care Swift & Co. (Ltd.).
Sioux City, Iowa..... Do..... Substations: St. Paul, Minn. Sioux Falls, S. Dak.	Meat inspection; public stockyards inspection. Virus-serum control.....	Dr. T. A. Shipley, Exchange Building, Stock Yards Station. Dr. C. P. Schneider, 230 Exchange Building, Stock Yards Station.
Sioux Falls, S. Dak..... Do.....	Meat inspection; public stockyards inspection. Virus-serum control.....	Dr. E. S. Dickey, care John Morrell & Co. See Sioux City, Iowa.
Smithfield, Va.....	Meat inspection.....	See Norfolk, Va.
Somerville, Mass.....	.....do.....	See Boston, Mass.
South Bellingham, Mass.....	.....do.....	See Providence, R. I.
Southboro, Mass.....	.....do.....	See Boston Mass.
South St. Joseph, Mo.... Do.....	Meat inspection; public stockyards inspection. Virus-serum control.....	Dr. D. R. Gillies, Live Stock Exchange Annex. See Kansas City, Kans.
South St. Paul, Minn... Substations: Minneapolis, Minn. Newport, Minn. St. Paul, Minn.	Meat inspection; public stockyards inspection.	Dr. M. O. Anderson, 633-634 Live Stock Exchange Building.
Spokane, Wash.....	Meat inspection; public stockyards inspection; Canadian import and export inspection.	Dr. R. W. Culbert, 220 Federal Building.
Springfield, Ill.....	Hog-choleera control.....	Dr. James McDonald, 18 Federal Building.
Springfield, Mass..... Substation: Chicopee, Mass.	Meat inspection..... .....do.....	Dr. H. E. Brown, care Springfield Provision Co., Brightwood. See San Francisco, Calif.
Stockton, Calif.....	.....do.....	See Seattle, Wash.
Sumas, Wash.....	Canadian import and export inspection.	
Superior, Nebr.....	Virus-serum control.....	See Kansas City, Kans.
Swiftwater, Pa.....	.....do.....	See Pearl River, N. Y.

*Stations of the bureau—Continued.*

Station.	Lines of work.	Official in charge.
<i>Syracuse, N. Y.</i> .....	Meat inspection .....	See Buffalo, N. Y.
<i>Tacoma, Wash.</i> .....	Meat inspection; interstate inspection of cattle and horses; Canadian import and export inspection.	Dr. J. S. Kelly, care Carstens Packing Co.
<i>Tallahassee, Fla.</i> .....	Hog-cholera control .....	Dr. L. E. Lyons, P. O. box 445 (office 14 Lewis State Bank Building, South Monroe Street).
Do.....	Tuberculosis eradication.....	Dr. James G. Fish, P. O. box 467 (office 19 Lewis State Bank Building, South Monroe Street).
<i>Terre Haute, Ind.</i> .....	Meat inspection .....	Dr. L. H. Allen, care Home Packing & Ice Co.
<i>Texarkana, Tex.</i> .....	do.....	Mr. H. G. Potter, care Armour & Co.
Substation: <i>Texarkana, Ark.</i> .....	do.....	See Texarkana, Tex.
<i>Thorntown, Ind.</i> .....	Virus-serum control .....	See Indianapolis, Ind.
Do.....	Meat inspection .....	Do.
<i>Toledo, Ohio.</i> .....	do.....	Dr. S. W. Burt, West Toledo Station.
<i>Topeka, Kans.</i> .....	do.....	Dr. F. S. Bingham, care Charles Wolff Packing Co.
Do.....	Hog-cholera control; scabies eradication; interstate inspection of cattle and horses; tuberculosis eradication.	Dr. H. M. Graefe, 22 Federal Building.
Do.....	Virus-serum control .....	See Kansas City, Kans.
<i>Trenton, N. J.</i> .....	Tuberculosis eradication .....	Dr. W. G. Middleton, 401 Wilkinson Building, 203 East State Street.
Substation: <i>Newark, N. J.</i> .....	Public stockyards inspection at Newark, N. J.	
<i>Trenton, N. J.</i> .....	Meat inspection .....	See Newark, N. J.
<i>Troy, Ala.</i> .....	Hog-cholera control .....	Cr. H. C. Wilson, 187 Montgomery St.
<i>Tuckahoe, N. Y.</i> .....	Meat inspection .....	See New York, N. Y.
<i>Tupelo, Miss.</i> .....	Creamery extension .....	Mr. L. S. Edwards.
<i>Union City, Tenn.</i> .....	do.....	Dr. J. R. Aufente, care Reynolds Packing Co.
<i>Upper Merioness, N. J.</i> .....	do.....	See Paterson, N. J.
<i>Urbana, Ill.</i> .....	Virus-serum control .....	See Indianapolis, Ind.
<i>Urbana, Ohio.</i> .....	Meat inspection .....	Dr. Pleasant J. Huffman, care Urbana Packing Co.
<i>Vicksburg, Miss.</i> .....	Meat inspection .....	See Natchez, Miss.
<i>Vienna, Va.</i> .....	Investigations concerning roundworms of sheep.	Dr. Cooper Curtice, R. F. D. 2, Vienna, Va.
<i>Walla Walla, Wash.</i> .....	Meat inspection .....	Dr. C. A. Johnston, P. O. box 254 (office 79 Federal Building).
<i>Waltham, Mass.</i> .....	do.....	See Boston, Mass.
<i>Washington, D. C.</i> .....	Meat inspection; public stockyards inspection.	Dr. H. K. Walter, Building F, Seventh and B Streets NW.; mail, Bureau of Animal Industry (local office), Dept. of Agr.
Substations: <i>Alexandria, Va.</i> <i>Benning, D. C.</i> <i>Leesburg, Va.</i> <i>Purcellville, Va.</i> <i>Rosslyn, Va.</i>		
<i>Washington, D. C.</i> .....	Meat-inspection laboratory.....	Meat Inspection Division, Bureau of Animal Industry
<i>Washington, N. C.</i> .....	Tick eradication; transportation of southern cattle.	Dr. Hartwell Robbins, 204 Federal Building.



*Stations of the bureau—Concluded.*

Station.	Lines of work.	Official in charge.
Waterloo, Iowa.....	Meat inspection; interstate inspection of cattle and horses.	Dr. J. E. Shelton, care Rath Packing Co.
Watertown, N. Y.....	Canadian import and export inspection.	Dr. F. J. Loomis.
Wausau, Wis.....	Meat inspection.....	Dr. W. K. McConnell, care Wisconsin Packing Co.
<i>West Chester, Pa.....</i>	<i>do.....</i>	See Philadelphia, Pa.
<i>West Orange, N. J.....</i>	<i>do.....</i>	See Newark, N. J.
<i>Westplains, Mo.....</i>	Virus-serum control.....	See Kansas City, Kans.
West Raleigh, N. C.....	Cheese extension.....	Mr. F. R. Farnham, care Extension Dept.
Wheeling, W. Va.....	Meat inspection; public stockyards inspection.	Dr. B. J. Stockler, 300 Federal Building.
<i>White Hall, Ill.....</i>	Virus-serum control.....	See East St. Louis, Ill.
Wichita, Kans.....	Meat inspection; public stockyards inspection.	Dr. F. D. Ketchum, 31-33 Exchange Building, Union Stock Yards.
Do.....	Virus-serum control.....	Dr. F. M. Elwell, 29 Live Stock Exchange Building.
Substations: Amarillo, Tex. Hutchinson, Kans.		
<i>Wilkes-Barre, Pa.....</i>	Meat inspection.....	See Allentown, Pa.
Wilmington, Del.....	Meat inspection; disinfection of import hides.	Dr. G. E. Repp, 220 Tatnall Street.
Wilmington, N. C.....	Meat inspection.....	Mr. H. L. Shaffer, 335 Customhouse Building.
Winona, Minn.....	<i>do.....</i>	Dr. C. L. Elliott, care Interstate Packing Co.
<i>Woburn, Mass.....</i>	<i>do.....</i>	See Boston, Mass.
Woodward, Okla.....	Dairy investigations.....	Mr. Charles J. Stauber.
<i>Woodworth, Wis.....</i>	Virus-serum control.....	See Indianapolis, Ind.
<i>Woonsocket, R. I.....</i>	Meat inspection.....	See Providence, R. I.
Worcester, Mass.....	<i>do.....</i>	Dr. M. T. Perry, care White, Pevey & Dexter Co.
Substations: Auburn, Mass. Fitchburg, Mass. Leominster, Mass.		
<i>Youngstown, Ohio.....</i>	<i>do.....</i>	See Pittsburgh, Pa.
<i>Zion City, Ill.....</i>	<i>do.....</i>	See Chicago, Ill.
Zionsville, Ind.....	Virus-serum control.....	See Indianapolis, Ind.
Do.....	Meat inspection.....	Do.

## MEAT-INSPECTION ESTABLISHMENTS, BY NUMBERS.

(The bureau should be notified promptly of any changes.)

(Where "do" is used in this list in establishment column it shall be interpreted to include the parent as well as all subsidiary companies appearing above.)

No.	Establishment.	Location.	Station.
*1	Morris & Co..... and Fairbank Canning Co. Liebig's Extract of Beef Co.	Union Stock Yards.....	Chicago, Ill.
*1 A	Morris & Co.....	.....	National Stock Yards, Ill.
*1 B	Morris & Co..... and Fairbank Canning Co.	.....	Kansas City, Kans.
*1 C	Morris & Co.....	.....	South St. Joseph, Mo.
1 D	.....do.....	Pratt and Howard Streets.....	Baltimore, Md.
1 E	.....do.....	105 North Street.....	Boston, Mass.
1 G	.....do.....	250 Commercial Street.....	Portland, Me.
1 H	.....do.....	10 North Street.....	Bayonne, N. J.
1 I	.....do.....	35th Street and 11th Avenue..	New York, N. Y.
*1 P	.....do.....	.....	Oklahoma, Okla.
1 Q	.....do.....	Elm and Mulberry Streets....	Helena, Ark.
1 S	.....do.....	37 Pacific Street.....	San Francisco, Calif.
1 T	.....do.....	210 North Virginia Street.....	El Paso, Tex.
*1 U	.....do.....	27th and O Streets, South Side Station.	Omaha, Nebr.
1 V	.....do.....	47-55 Webster Street.....	Bradford, Pa.
1 X	.....do.....	Union and Grace Streets; mail, P. O. box 517.	Richmond, Va.
1 Y	.....do.....	31 Gayoso Avenue.....	Memphis, Tenn.
1 AA	.....do.....	629 B Street NW.....	Washington, D. C.
1 BB	.....do.....	148 Lyman Street.....	Springfield, Mass.
1 CC	.....do.....	901 Girard Avenue.....	Philadelphia, Pa.
1 DD	.....do.....	640 West Bay Street.....	Jacksonville, Fla.
1 EE	.....do.....	734 Terminal Street.....	Los Angeles, Calif.
*2 A	Armour & Co..... and The Anglo-American Provision Co. The Colorado Packing & Pro- vision Co. Fowler Packing Co. Friedman Manufacturing Co. German American Provision Co. (Chicago, Ill.). Halstead & Co. Hammond Packing Co. The New York Butchers' Dressed Meat Co. The North American Provision Co. Prairie State Packing Co. James Wright & Co.	Union Stock Yards.....	Chicago, Ill.

\* Conducts slaughtering.



*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
*2 R	Armour & Co..... and The Anglo-American Provision Co. The Colorado Packing & Provision Co. Fowler Packing Co. Halstead & Co. Hammond Packing Co. The New York Butchers' Dressed Meat Co. Prairie State Packing Co. James Wright & Co.	Joy, Central, and James Streets	Kansas City, Kans.
*2 C	.....do.....	28th and A Streets; mail, South Side Station.	Omaha, Nebr.
*2 D	.....do.....		National Stock Yards, Ill.
*2 E	.....do.....	Chambers Street and Floyd River Road; mail, Stock Yards Station.	Sioux City, Iowa.
*2 F	.....do.....	Stock Yards Station.....	Fort Worth, Tex.
2 G	Armour & Co..... and Halstead & Co. The New York Butchers' Dressed Meat Co.	96 North Sixth Street.....	Brooklyn, N. Y.
*2 H	Armour & Co..... and Anglo-American Provision Co. Colorado Packing & Provision Co. Fowler Packing Co. Friedman Manufacturing Co. German-American Provision Co. (Chicago, Ill.). Halstead & Co. Hammond Packing Co. The New York Butchers' Dressed Meat Co. The North American Provision Co. Prairie State Packing Co. James Wright & Co.		South St. Paul, Minn.
2 J	Armour & Co..... and Hammond Packing Co.	Third Avenue South and Jackson Street.	Seattle, Wash.
2 K	Armour & Co.....	917-925 Noble Street.....	Philadelphia, Pa.
2 L	.....do.....	7-9 Manhattan Market.....	New York, N. Y.
2 M	.....do.....	101 North Thirteenth Street...	Portland, Oreg.
*2 N	.....do.....	201 East Main Street.....	Louisville, Ky.
2 Q	.....do.....	1050 Battery Street.....	San Francisco, Calif.
2 R	.....do.....	119 Central Avenue.....	Los Angeles, Calif.
2 S	.....do.....	317 North Warren Street.....	Trenton, N. J.
2 T	.....do.....	193-199 Fort Greene Place and 627-629 Atlantic Avenue.	Brooklyn, N. Y.

\* Conducts slaughtering.

*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
2 U	Armour & Co.....	916 Walker Street.....	Augusta, Ga.
2 V	.....do.....	248 West Commerce Street....	Youngstown, Ohio.
2 W	.....do.....	Eutaw and Pratt Streets.....	Baltimore Md.
2 X	.....do.....	219 Summer Street.....	Worcester, Mass.
2 Y	.....do.....	710-718 West Market Street...	East Liverpool, Ohio.
2 Z	.....do.....	312 West Front Street.....	Wilmington, Del.
2 AA	.....do.....	43-59 Long Wharf.....	Newport, R. I.
2 BB	.....do.....	39 McCall Street.....	Memphis, Tenn.
2 DD	.....do.....	224-226 Water Street; mail, P. O. box 374.	Norfolk, Va.
2 EE	.....do.....	Commerce and Government Streets.	Mobile, Ala.
2 FF	.....do.....	126-128 Cowart Street.....	Chattanooga, Tenn.
2 GG	.....do.....	508 State Street.....	Elmira, N. Y.
2 HH	.....do.....	310-314 West Bay Street.....	Jacksonville, Fla.
	and Hammond Packing Co.		
2 II	Armour & Co.....	408-414 Henderson Street.....	Jersey City, N. J.
2 JJ	.....do.....	20-24 West Michigan Street....	Duluth, Minn.
2 KK	.....do.....	First and Florence Streets....	El Paso, Tex.
2 MM	.....do.....	109 Berkeley Street.....	Boston, Mass.
2 NN	.....do.....	424-426 Union Street.....	Olean, N. Y.
2 PP	Armour & Co. (Ltd.).....	850 Magazine Street.....	New Orleans, La.
2 QQ	Armour & Co.....	2-4 Wholesale Row, Center Market.	Washington, D. C.
2 RR	.....do.....	260 Commercial Street.....	Portland, Me.
2 UU	.....do.....	307 North Seventeenth Street; mail, P. O. box 1314.	Richmond, Va.
2 VV	.....do.....	33 Central Avenue.....	Passaic, N. J.
2 WW	.....do.....	7 Lewis Street.....	Binghamton, N. Y.
2 XX	.....do.....	34 Plymouth Avenue.....	Fall River, Mass.
2 YY	.....do.....	59 Morris Street.....	North Adams, Mass.
2 ZZ	.....do.....	371 West Fourth Street South.	Salt Lake City, Utah.
2 AB	.....do.....	Cameron and Henry Streets...	Alexandria, Va.
2 AC	Armour & Co. (Ltd.).....	Commerce and Jones Streets..	Shreveport, La.
2 AE	Armour & Co.....	100-110 Spruce Street.....	Texarkana, Tex.
2 AH	.....do.....	Veto and Mulberry Streets....	Vicksburg, Miss.
2 AK	.....do.....	35 Cushing Street.....	Fitchburg, Mass.
2 AL	.....do.....	17-19 Water Street.....	Wilmington, N. C.
2 AM	.....do.....	1065 Laurel Avenue.....	Beaumont, Tex.
2 AN	.....do.....	152 Lyman Street.....	Springfield, Mass.
2 AO	.....do.....	Sassafras and Fourteenth Streets.	Erie, Pa.
*2 AP	.....do.....	West Ray and Dakota Streets.	Indianapolis, Ind.
	and The Anglo-American Provision Co. The Colorado Packing & Provi- sion Co. Fowler Packing Co. Friedman Manufacturing Co. German American Provision Co. (Chicago, Ill.). Halstead & Co.		

\* Conducts slaughtering.



*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
	Hammond Packing Co. The New York Butchers' Dressed Meat Co. The North American Provision Co. Prairie State Packing Co. Wabash Packing Co. James Wright & Co.		
*2 AR	Armour & Co.....	Eighth Street and Talleyrand Avenue.	Jacksonville, Fla.
2 AS	.....do.....	52 Tenth Avenue.....	New York, N. Y.
*2 AT	.....do..... and The Anglo-American Provision Co. The Colorado Packing & Provision Co. Fowler Packing Co. Halstead & Co. Hammond Packing Co. The New York Butchers' Dressed Meat Co. Prairie State Packing Co. James Wright & Co.		South St. Joseph, Mo.
*2 AU	Armour & Co..... and The Anglo-American Provision Co. The Colorado Packing & Provision Co. Fowler Packing Co. Halstead & Co. Hammond Packing Co.	Stock Yards Station.....	Denver, Colo.
2 AV	Armour & Co.....	16 Union Street.....	Middletown, N. Y.
*3	Swift & Co..... and The G. H. Hammond Co. Omaha Packing Co. Plankinton Packing Co. Swift & Co., successors St. Louis Dressed Beef & Provision Co. Western Packing Co.	Union Stock Yards.....	Chicago, Ill.
*3 A	.....do.....		Kansas City, Kans.
*3 B	.....do.....	Twenty-seventh and Q Streets, South Side Station.	Omaha, Nebr.
*3 C	.....do.....		National Stock Yards, Ill.
*3 D	.....do.....		South St. Joseph, Mo.
*3 E	.....do.....		South St. Paul, Minn.
*3 F	.....do.....	Stock Yard Station.....	Fort Worth, Tex.
3 G	Swift & Co..... and The G. H. Hammond Co. Union Meat Co.	201-211 Jackson Street.....	Seattle, Wash.
3 H	Swift & Co.....	300 South Eutaw Street.....	Baltimore, Md.

\* Conducts slaughtering.

*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
3 I	Swift & Co. .... and	906 Noble Street.....	Philadelphia, Pa.
3 J	The G. H. Hammond Co. ....	918 Walker Street.....	Augusta, Ga.
322	Swift & Co. ....	Houston Heights.....	Houston, Tex.
3 K	.....do.....	109 Union Street; mail, P. O. box 672.	Richmond, Va.
3 M	.....do.....	217-219 South Kansas Street..	El Paso, Tex.
3 P	.....do.....	612-620 Railroad Avenue.....	Elmira, N. Y.
3 Q	.....do.....	530½ West Commercial Row..	Reno, Nev.
3 R	.....do..... and The G. H. Hammond Co.	Tenth Avenue and Thir- teenth Street.	New York, N. Y.
3 S	Swift & Co. .... and The G. H. Hammond Co.	336 Commercial Street.....	Portland, Me.
3 T	Swift & Co. ....	14-16 South Fifth Street.....	Fort Smith, Ark.
3 U	.....do.....	35-37 Union Avenue.....	Memphis, Tenn.
3 V	.....do.....	Commerce and Conti Streets..	Mobile, Ala.
3 W	.....do.....	413 South Canal Street.....	Natchez, Miss.
3 X	.....do.....	16-20 William Street.....	Cumberland, Md.
3 Y	.....do.....	Sixteenth and Eoff Streets...	Wheeling, W. Va.
3 Z	Swift & Co. (Ltd.).....	Travis and Commerce Streets.	Shreveport, La.
3 AA	Swift & Co. ....	85 Elm Street.....	Bradford, Pa.
3 BB	.....do.....	Jackson and Water Streets; mail, P. O. box 534.	Norfolk, Va.
3 CC	.....do.....	922 East First Street.....	Los Angeles, Calif.
3 DD	.....do.....	Croker Street and Jefferson Avenue.	Beaumont, Tex.
3 EE	.....do.....	262-264 Commerce Street.....	Youngstown, Ohio.
3 GG	.....do.....	Franklin and Depot Streets...	Manchester, N. H.
3 HH	.....do.....	464 Water Street.....	Bridgeport, Conn.
3 JJ	.....do.....	309 West Broad Street.....	Savannah, Ga.
3 KK	.....do.....	625-629 Brook Avenue.....	New York, N. Y.
3 LL	.....do.....	20-22 Henry Street.....	Middletown, N. Y.
3 MM	Swift & Co. (Ltd.).....	Magazine and Julia Streets...	New Orleans, La.
3 NN	Swift & Co. ....	.....	Dover, N. J.
3 PP	.....do.....	100-102 North Sixth Street...	Brooklyn, N. Y.
3 RR	.....do.....	706-708 Lancaster Avenue.....	Wilmington, Del.
3 SS	.....do.....	25 Ringgold Street.....	Trenton, N. J.
3 TT	.....do.....	252-258 Canal Street.....	Providence, R. I.
3 UU	.....do.....	Pacific and Davis Streets.....	San Francisco, Calif.
3WW	Swift & Co., Ltd., and The G. H. Hammond Co. Omaha Packing Co. Plankinton Packing Co. Swift & Co., successors St. Louis Dressed Beef & Provision Co. Western Packing Co.	.....	Harvey, La.
3 AB	Swift & Co. .... and Union Meat Co.	.....	Spokane, Wash.
3 AC	Swift & Co. ....	Garden and Tarragonna Streets	Pensacola, Fla.
3 AD	.....do.....	Pratt and Howard Streets.....	Baltimore, Md.



*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
3 AF	Swift & Co..... and The G. H. Hammond Co.	699 Broadway.....	Albany, N. Y.
3 AG	.....do.....	118-120 North Eighth Street...	Louisville, Ky.
3 AH	.....do.....	274 Franklin Street.....	Worcester, Mass.
*3 AJ	Swift & Co.....	Front and Walnut Streets.....	Cincinnati, Ohio.
3 AK	.....do.....	First and L Streets NE.....	Washington, D. C.
3 AL	.....do.....	1001-1003 Chestnut Street.....	Chattanooga, Tenn.
3 AM	.....do.....	37 Medford Street.....	Somerville, Mass.
3 AP	.....do.....	159 Ashland Street.....	North Adams, Mass.
3 AR	.....do..... and The G. H. Hammond Co.	188 Gore Street.....	Cambridge, Mass.
3 AS	Swift & Co.....	410 East Broad Street.....	Texarkana, Ark.
3 AT	.....do.....	2294 Twelfth Avenue.....	New York, N. Y.
3 AU	.....do.....	212 River Street.....	Woonsocket, R. I.
3 AV	.....do.....	307-311 Nutt Street.....	Wilmington, N. C.
3 AZ	.....do.....	336 South Third Street West..	Salt Lake City, Utah.
4	S. Swindells & Son.....	Rear 1229 D Street SE.....	Washington, D. C.
5	Central Food Products Co..... and Eney Shortening Co.	2251 South Halsted Street.....	Chicago, Ill.
*6 A	Swift & Co..... and The G. H. Hammond Co. Omaha Packing Co. Plankinton Packing Co. Swift & Co., successors St. Louis Dressed Beef & Provision Co. Western Packing Co.		Do.
*6 B	.....do.....	2320 South Halsted Street.....	Do.
*6 C	.....do.....	Muskego Avenue and Canal Street.	Milwaukee, Wis.
6 E	Friedman Manufacturing Co.....	Transit and Packers Avenue..	Chicago, Ill.
*6 J	Swift & Co..... and The G. H. Hammond Co. Omaha Packing Co. Plankinton Packing Co. Swift & Co., successors St. Louis Dressed Beef & Provision Co. Western Packing Co.	3919 Papin Street.....	St. Louis, Mo.
*6 K	.....do.....	Stock Yards Station.....	Denver, Colo.
10	Baker Food Products Co..... and Baker Packing Co.	4356-4864 South Halsted Street	Chicago, Ill.
11 A	Allied Packers (Inc.)..... and Batchelder & Snyder Co.	47-63 Blackstone Street.....	Boston, Mass.
11 B	.....do.....	Constitution Wharf, 409 Com- mercial Street.	Do.
*12	Kingan & Co.....	South Blackford Street.....	Indianapolis, Ind.
*12 A	.....do.....	Union Stock Yards.....	Do.

\* Conducts slaughtering.

*Meat-inspection establishments, by numbers—Continued.*

No	Establishment.	Location.	Station.
12 B	Kingan & Co..... and Albert E. Jordan.	1438 East Cary Street; mail, P. O. box 1235.	Richmond, Va.
*12 C	.....do.....	Union Stock Yards; mail, P. O. box 1235.	Do.
12 D	Kingan Provision Co..... and P. T. George & Co. Kingan & Co.	350-352 North Holliday Street.	Baltimore, Md.
12 E	Kingan Provision Co.....	Eighth and Callowhill Streets.	Philadelphia, Pa.
12 F	Kingan & Co.....	630 Pennsylvania Avenue NW.	Washington, D. C.
12 G	Kingan Provision Co.....	624-634 and 638-654 West Thirty-fifth Street.	New York, N. Y.
12 H	Kingan & Co.....	446 Drumm Street.....	San Francisco, Calif.
12 J	.....do.....	Bay and Catherine Streets...	Jacksonville, Fla.
12 K	Kingan Provision Co.....	1121 Penn Avenue.....	Pittsburgh, Pa.
*15	The Standard Serum Co.....	11 South Second Street.....	Kansas City, Kans
*16	The Jersey City Stock Yards Co..	Foot of Sixth Street.....	Jersey City, N. J.
*16 A	.....do.....	.....do.....	Do.
*16 B	.....do.....	.....do.....	Do.
*17	John Morrell & Co.....	.....	Ottumwa, Iowa
17 A	John Morrell & Co. (Inc.).....	620-624 West 36th Street.....	New York, N. Y.
17 B	John Morrell & Co.....	75 Commercial Street.....	Boston, Mass.
*17 D	.....do.....	Foot Nesmith Avenue.....	Sioux Falls, S. Dak.
17 E	.....do.....	816-820 Noble Street.....	Philadelphia, Pa.
17 G	.....do.....	Beale Avenue and South Wagner Place.	Memphis, Tenn.
*18	The Cudahy Packing Co..... and Pioneer Packing Co.	Kansas and Railroad Avenues.	Kansas City, Kans.
*19	.....do.....	Thirty-third and P Streets; mail, South Side Station.	Omaha, Nebr.
19 A	The Cudahy Packing Co.....	1 Blackstone Street.....	Boston, Mass.
19 B	.....do.....	61-65 Central Avenue.....	Passaic, N. J.
19 C	The Cudahy Packing Co. of Alabama.	North Water Street, between State and Adams.	Mobile, Ala.
19 D	The Cudahy Packing Co.....	17 N St. NW.....	Fall River, Mass.
19 E	The Cudahy Packing Co. of Nebraska and The Cudahy Packing Co.	North Salt Lake, Utah.....	Salt Lake City, Utah.
*19 H	The Cudahy Packing Co. of Louisiana (Ltd.) and The Cudahy Packing Co.	1501-1519 Poydras Street.....	New Orleans, La.
19 I	The Cudahy Packing Co.....	611-613 West 34th Street.....	New York, N. Y.
19 J	.....do.....	55 Union Street.....	San Francisco, Calif.
19 K	.....do.....	203 Seventh Street NW.....	Washington, D. C.
19 L	.....do.....	516 West Harris Street.....	Savannah, Ga.
19 Q	.....do.....	153d Street and Brook Avenue.	New York, N. Y.
19 T	.....do.....	78-82 Midway Street.....	Boston, Mass.
19 V	.....do.....	Speed Avenue and Illinois Central R. R.	Memphis, Tenn.

\* Conducts slaughtering.



*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
19 Y	The Cudahy Packing Co. of Louisiana (Ltd.) and The Cudahy Packing Co.	415 Commerce Street.....	Shreveport, La.
19 Z	The Cudahy Packing Co.....	9101 Baltimore Avenue.....	Chicago, Ill.
19 BB	.....do.....	208-210 Fort Street.....	Chattanooga, Tenn.
*20	Wilson & Co..... and Empire Provision & Produce Co. Gotham Hotel Supply Co. (Inc.). T. M. Sinclair & Co. (Ltd.). Wilson-Martin Co.	Forty-fifth Street and First Avenue.	New York, N. Y.
*20 A	Wilson & Co..... and Wilson-Martin Co. Albert Lea Packing Co. (Inc.). Empire Provision & Produce Co.	Adams, Osage, Baird, and Railroad Streets.	Kansas City, Kans.
20 B	Wilson & Co..... and John Reardon & Sons Co. T. M. Sinclair & Co. (Ltd.).	Waverly and Talbot Streets...	Cambridge, Mass.
*20 C	Wilson & Co..... and Albert Lea Packing Co. (Inc.). Empire Provision & Produce Co. Mississippi Packing Co. Morton-Gregson Co. Pacific Coast Beef & Provision Co. T. M. Sinclair & Co. (Ltd.). Sulzberger & Sons Co. The Wilson Laboratories. Wilson-Martin Co.	4100 South Ashland Avenue...	Chicago, Ill.
20 D	Wilson & Co.....	89 South Front Street.....	Memphis, Tenn.
20 F	.....do..... and Albert Lea Packing Co. (Inc.).	.....	Faribault, Minn.
20 G	Wilson & Co.....	1201-1203 Fort Street.....	Chattanooga, Tenn.
20 J	.....do.....	201 Seventh Street N.W.....	Washington, D. C.
20 K	.....do.....	212 Van Houten Street.....	Paterson, N. J.
20 N	Wilson & Co..... and Wilson & Co. (Inc.) of Louisiana.	Constance and St. Joseph Streets.	New Orleans, La.
*20 Q	Wilson & Co..... and Empire Provision & Produce Co. Wilson & Co. (Inc.) of Oklahoma. Wilson-Martin Co.	.....	Oklahoma, Okla.
20 R	Wilson & Co.....	Grace and Seventeenth Streets.	Richmond, Va.
20 U	.....do.....	214 North Virginia Street.....	El Paso, Tex.
20 V	.....do.....	94-96 Lewis Street.....	Binghamton, N. Y.
20 W	Wilson & Co..... and Wilson & Co. (Inc.) of Louisiana.	318-320 Commerce Street.....	Shreveport, La.

\* Conducts slaughtering.

*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
*20 Y	Wilson & Co..... and Albert Lea Packing Co. (Inc.).		Albert Lea, Minn.
20 Z	Wilson & Co..... and Wilson & Co. (Inc.) Wilson & Co. (Inc.) of Tennessee	Alton Park Station.....	Chattanooga, Tenn.
20 AA	Wilson & Co.....	142 Lyman Street.....	Springfield, Mass.
20 BB	do..... and Wilson-Martin Co.	308-310 West Front Street....	Wilmington, Del.
21	National Dairy Co..... and Narragansett Dairy Co. (Ltd.).	702 Eddy Street .....	Providence, R. I.
22	Libby, McNeill & Libby..... and Emery Food Co. Foster Packing Co.	Union Stock Yards.....	Chicago, Ill.
22 A	Libby, McNeill & Libby..... and Emory Food Co. Foster Packing Co.	Stock Yards Station.....	Fort Worth, Tex.
22 C	Libby, McNeill & Libby.....		East Cambridge, Mass.
*25	Inland Meat Co. (Ltd.).....	Bridge Street.....	Clarkston, Wash.
25 A	do.....	832 Main Street.....	Lewiston, Idaho.
*26	The Layton Co.....	Muskego Avenue, foot 13th St.	Milwaukee, Wis.
*27	North Packing & Provision Co.. and J. P. Squire & Co..... Boston Packing & Provision Co.	37 Medford Street..... 165 Gore Street.....	Somerville, Mass. Cambridge, Mass.
*27 A	White, Pevey & Dexter Co. ....	Putnam Lane.....	Worcester, Mass.
*27 B	Springfield Provision Co.....	Brightwood.....	Springfield, Mass.
*27 C	The Sperry & Barnes Co..... and Sperry & Barnes.	188 Long Wharf.....	New Haven, Conn.
*28	Cudahy Bros. Co.....		Cudahy, Wis.
28 A	do.....	262 Jackson Street.....	Milwaukee, Wis.
*32	Wilson & Co..... and Morton-Gregson Co.		Nebraska City, Nebr.
*34	Boise Valley Packing Co.....		Eagle, Idaho.
*35	Birmingham Packing Co.....	23d Avenue and 24th Street; mail, 2100 Morris Avenue.	Birmingham, Ala.
*36	Boyd, Lunham & Co..... and American Provisions Export Co.	45th Street and Packers Ave- nue.	Chicago, Ill.
*37	The Cleveland Provision Co..... and American Provisions Export Co.	2527 Canal Road.....	Cleveland, Ohio.
*37 A	The Cleveland Provision Co. ....	3378 West Sixty-Fifth Street..	Do.
*40	Pittsburg Provision & P'king Co.	Union Stock Yards.....	Pittsburgh, Pa.
*42	Jacob Dold Packing Co..... and American Provisions Export Co.	745 William Street.....	Buffalo, N. Y.
42 A	Jacob Dold Packing Co.....	79 South Market Street.....	Boston, Mass.
42 C	do.....	24 Metz Street, Wallabout Market.	Brooklyn, N. Y.

\*Conducts slaughtering.



*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
*42 X	Dold Packing Co.....	Twenty-seventh and Y Streets.	Omaha, Nebr.
43	Philip B. Newmark.....	1202-1203 Metz Street, Walla- bout Market.	Brooklyn, N. Y.
*45	Schloss, Held & Schloss.....	Avenue D and Astor Street...	Newark, N. J.
*47 B	West Philadelphia Stock Yard Co	Thirtieth and Race Streets....	Philadelphia, Pa.
47 D	Philadelphia Abattoir Co.....	.....do.....	Do.
48	Sinai Kosher Sausage Factory... and Levin's Sinai Kosher Sausage Factory.	3351 South Halsted Street.....	Chicago, Ill.
49	B. Meier & Son.....	516 Westchester Avenue.....	New York, N. Y.
*51	Gotham Packing Co. (Inc.).....	352 Johnson Avenue.....	Brooklyn, N. Y.
*52	Cochrane Packing Co.....	Central Avenue and Water St.	Kansas City, Kans.
*53	The Cudahy Packing Co..... and Pioneer Packing Co.	South of Leech Street and east of Chambers Street; mail, Stock Yards Station.	Sioux City, Iowa.
*54	Wilckens, Staats & Co. (Inc.)....	216-218 Tatnall Street.....	Wilmington, Del.
*E55	Hugo Strauss Packing Co. (Inc.)..	280-286 Johnson Avenue.....	Brooklyn, N. Y.
57	I. Oscherwitz & Sons.....	569-571 West Sixth Street.....	Cincinnati, Ohio.
*57 A	.....do.....	1815 John Street.....	Do.
58	Quinn Wo, Chung Kee & Co....	105 Park Street.....	New York, N. Y.
*59	Swift & Co..... and J. J. Harrington & Co. (Inc.). United Dressed Beef Co.	778 First Avenue.....	Do.
59 A	Swift & Co..... and The G. H. Hammond Co. Wallabout Market Packing Co.	East and Flushing Avenues...	Brooklyn, N. Y.
60	Jos. Phillips Co..... and Jos. Phillips. Jos. Phillips & Co.	10 Wholesale Row, Center Market.	Washington, D. C.
63	Max Koschel (Inc.).....	61-65 Paterson Avenue.....	Hoboken, N. J.
*64 A	Independent Packing Co.....	41st and Halsted Streets.....	Chicago, Ill.
*65	The Cincinnati Abattoir Co..... and The John C. Roth Packing Co.	3241 Spring Grove Avenue....	Cincinnati, Ohio.
66	Bradley Market Co.....	1010 Gest Street.....	Philadelphia, Pa.
*68	Virginia Packing Co., Inc.....	2106-2108 Market Street.....	Bristol, Va.
*F69	Reher-Verlegh Packing Corpo- ration.	Commonwealth Avenue..... Mail, 427 West Street, New York, N. Y.	Upper Preakness, N. J.
70	Louis Debrousse.....	670 Center Street.....	South Bellingham, Mass.
71	Swift & Co..... and The G. H. Hammond Co. Omaha Packing Co. Plankinton Packing Co. Swift & Co., successors St. Louis Dressed Beef & Provision Co. Western Packing Co.	154 Ninth Street.....	Jersey City, N. J.

\* Conducts slaughtering.

*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
*72	Western Meat Co.....		South San Francisco, Calif.
72	A .....do.....	666 Sixth Street.....	San Francisco, Calif.
*72	B Nevada Packing Co.....	Fourth and Alameda Streets..	Reno, Nev.
*73	Howard Pancero.....	2011 Branch Street.....	Cincinnati, Ohio.
75	Acme Packing Co.....		Green Bay, Wis.
	and		
	Chicago Beef Co.		
	Indian Packing Co.		
	Indian Packing Corporation.		
	Martin-Pemberton Co.		
78	Armour & Co.....	324 Seventeenth Street.....	Jersey City, N. J.
	and		
	The Anglo-American Provision Co.		
	The Colorado Packing & Provision Co.		
	Fowler Packing Co.		
	Halstead & Co.		
	Hammond Packing Co.		
	The New York Butchers' Dressed Meat Co.		
	Prairie State Packing Co.		
	James Wright & Co.		
*79	Beiswanger Packing Co.....	139 Chestnut Street.....	Coatesville, Pa.
80	Rohe & Bro.....	527-543 West 36th Street.....	New York, N. Y.
*80	A .....do.....	655 West 40th Street.....	Do.
82	Far Famed Meat & Sausage Co..	739-743 Southwest Boulevard..	Rosedale, Kans.
83	John Cook & Sons, Inc.....	2222-2228 South La Salle Street; mail, 110 South Dearborn Street.	Chicago, Ill.
*84	Chas. Pancero.....	2871 Massachusetts Avenue...	Cincinnati, Ohio.
85	White City Cold Storage Co.....	39th Street, near Robey; mail, 630 Postal Telegraph Building.	Chicago, Ill.
87	Ed. S. Vail Butterine Co.....	4534 Gross Avenue.....	Do.
*88	Butchers' Abattoir.....	Mail, P. O. box 506, Augusta, Ga.	North Augusta, S. C.
*89	The E. Kahn's Sons Co.....	519 Livingston Street.....	Cincinnati, Ohio.
*90	David Levi & Co.....	Thirty-ninth Street and Emerald Avenue.	Chicago, Ill.
*91	Urbana Packing Co.....	Corner Church and Railroad Streets.	Urbana, Ohio.
*94	Louis Pfaelzer & Sons.....	3927-3943 South Halsted Street.	Chicago, Ill.
*95	Farmers' Terminal Packing Co..		Newport, Minn.
*96	W. G. Rehn's Sons.....	454 Bank Street.....	Cincinnati, Ohio.
*97	John Engelhorn & Sons, Inc....	17 to 27 Avenue L.....	Newark, N. J.
*98	A. Koch's Sons.....	Corner Sidney Avenue and Township Street.	Cincinnati, Ohio.
100	Kabisch & Co. (Inc.).....	Southwest corner Fifty-fourth Street and Wyalusing Avenue.	Philadelphia, Pa.
101	Crown Margarin Co.....	3301 Park Avenue.....	St. Louis, Mo.

\* Conducts slaughtering.



*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
103	The Far Famed Meat & Sausage Co.	Shawnee Avenue and Kansas City Belt Line; mail, 743 Southwest Boulevard, Rosedale, Kans.	Kansas City, Kans.
*104	Iowa Packing Co. .... and American Provisions Export Co. Fuller Packing Co.	S. E. Eighteenth and Maury Streets; mail, P. O. box 1476.	Des Moines, Iowa.
106	Italian Sausage Works.....	442 West Chicago Avenue....	Chicago, Ill.
*109	Virdeen Packing Co..... and Moran & Co.	Walker Avenue.....	San Francisco, Calif.
110	The High Grade Shortening Co..	2600 block, Hafer Street.....	Baltimore, Md.
*111	T. M. Sinclair & Co. (Ltd.).....		Cedar Rapids, Iowa.
*112	Cudahy Packing Co. ....	803-811 Macy Street.....	Los Angeles, Calif.
113	P. D. Hughes.....	558 Berkley Street.....	Camden, N. J.
*114	Kohrs Packing Co.....	1337 West Second Street.....	Davenport, Iowa.
115	Garden City Canning Co. (Inc.)..	962-966 North Alder Street....	Philadelphia, Pa.
*117	R. Gumz & Co.....	125 Muskego Avenue.....	Milwaukee, Wis.
*118	National Single Bled Serum Co., Inc.		Plainfield, Ind.
*119	Wilson & Co..... and Empire Provision & Produce Co. Wilson & Co. (Inc.) of California.	1000 Lyon Street.....	Los Angeles, Calif.
*120	Hauser Packing Co.....	Ninth and Mateo Streets; mail, Box A, Arcade Station.	Do.
*121	San Antonio Meat Co.....		Pomona, Calif.
*124	Carolina Packing Co. of South Carolina.		Orangeburg, S. C.
*125	D. Blumberg & Sons.....	Dumont and Christopher Avenues.	Brooklyn, N. Y.
*126	Peyton Packing Co.....	Cotton Addition; mail, P. O. box 106.	El Paso, Tex.
*128	Sturtevant & Haley Beef & Supply Co.		Somerville, Mass.
*130	Walla Walla Meat & Cold Storage Co.	Foot Sixth Street.....	Walla Walla, Wash.
*131	The Federal Packing Co.....	3200 West Sixty-fifth Street; mail, Room 27, Exchange Building, Union Stock Yards.	Cleveland, Ohio.
*132 A	M. Mindick.....	Brighton Abattoir.....	Brighton, Mass.
*132 D	J. & D. M. White.....	do.....	Do.
*132 E	Moses Goldberg.....	1 Brighton Abattoir.....	Do.
*132 F	Brighton Dressed Meat Co..... and Lebanon Kosher Wurst Co.	1, 6, 7, and 8 Brighton Abattoir.	Do.
*133	The Jacob Dold Packing Co.....	North Lawrence Avenue and Twenty-first Street.	Wichita, Kans.
137	F. A. Ferris & Co.....	262-272 Mott Street.....	New York, N. Y.
*138	Swift & Co..... and The G. H. Hammond Co. Union Meat Co.		North Portland, Oreg.

\* Conducts slaughtering.

*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
138	A Swift & Co. ....	285 Hoyt Street. ....	Portland, Oreg.
*139	Abraham Plant. ....	307-319 Johnson Avenue. ....	Brooklyn, N. Y.
140	Convey & Sons. ....	11-13 Merchant Street. ....	San Francisco, Calif.
141	Sinclair Provision Co. ....	475 Everett Street. ....	Portland, Oreg.
*142	The J. & F. Schroth Packing Co..	Cormany Avenue and Town- ship Street.	Cincinnati, Ohio.
*144	The Williams Live Stock Co. ....	.....	Hallstead, Pa.
146	Purity Cross (Inc.). ....	11 Central Avenue; mail, Orange, N. J.	West Orange, N. J.
*147	Brennan Packing Co. ....	3916 Normal Avenue. ....	Chicago, Ill.
148	Frank & Co. ....	644 Market Street. ....	Milwaukee, Wis.
*149	S. M. Holsinger Co. ....	.....	Morristown, Tenn.
*150	Morris & Co. ....	Foot West Fortieth Street. ....	New York, N. Y.
	and		
	Joseph Stern & Sons (Inc.).		
151	S. D. Chamberlain & Sons. ....	179 State Street. ....	Hartford, Conn.
*152	The Schalker Packing Co. ....	Third and Choctaw Streets. ....	Leavenworth, Kans.
*153	Swift & Co. ....	615 South Chambers Street. ....	Sioux City, Iowa.
	and		
	The G. H. Hammond Co.		
*154	Bonner Meat Co. ....	G. N. Industrial Spur; mail, 101 First Avenue.	Sandpoint, Idaho.
156	Metropolitan Hotel Supply Co..	875 Washington Street. ....	New York, N. Y.
157	Michael Lux. ....	9 Lynn Street. ....	Woburn, Mass.
*158	Morristown Packing Co. ....	.....	Morristown, Tenn.
*159	John Miner. ....	.....	Hyde Park, Vt.
*160	Lewis Newhof & Son. ....	410 South Pearl Street. ....	Albany, N. Y.
162	Christian Seiler. ....	2719 W. Susquehanna Avenue.	Philadelphia, Pa.
*164	Greenville Packing Co. ....	.....	Greenville, Tenn.
*165	Becker Bros. Co. ....	942 Monmouth Street. ....	Newport, Ky.
*166	A St. Louis Independent Packing Co.	3815 Chouteau Avenue. ....	St. Louis, Mo.
	and		
	American Provisions Export Co.		
	Missouri Butterine Co. of St. Louis.		
167	George Gregory. ....	4812 Farrish Street. ....	Philadelphia, Pa.
*169	Roberts & Oake. ....	Forty-fifth Street and Racine Avenue.	Chicago, Ill.
	and		
	American Provisions Export Co.		
171	The Rumford Churning Co. ....	105 Pavillion Avenue. ....	East Providence, R. I.
*173	Hammond, Standish & Co. ....	2101 Twentieth Street. ....	Detroit, Mich.
	and		
	American Provisions Export Co.		
*173	A Hammond, Standish & Co. ....	Toledo Union Stock Yards. ....	Toledo, Ohio.
*174	J. T. McMillan Co. ....	.....	St. Paul, Minn.
175	The D. E. Wood Butter Co. ....	.....	Evansville, Wis.
*177	Drummond Packing Co. ....	.....	Eau Claire, Wis.
*178	Indianapolis Abattoir Co. ....	Morris Street and White River.	Indianapolis, Ind.
	and		
	American Provisions Export Co.		
179	Savannah Food Products Co. (Inc).	129 Everett Avenue. ....	Chelsea, Mass.
181	Purity Packing Co. ....	1318-1322 West Twenty-first Street.	Chicago, Ill.

\* Conducts slaughtering.



*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
182	E. Greenebaum Co. ....	328 East One hundred and third Street.	New York, N. Y.
183	Foell Supply Co. ....	331 Twenty-second Place. ....	Chicago, Ill.
*184	New England Dressed Meat & Wool Co.	82 Medford Street. ....	Somerville, Mass.
185	Liberty Provision Co. ....	631 Franklin Street. ....	Trenton, N. J.
*186	Rath Packing Co. ....	Elm and Sycamore Streets. ....	Waterloo, Iowa.
*188	Clement E. Allen (Inc.) .....	.....	Media, Pa.
*190	New England Dressed Meat & Wool Co.	725 Howard Street. ....	East Buffalo, N. Y.
*191	Frye & Co. ....	.....	Seattle, Wash.
191 A	.....do. ....	Thirteenth and Hoyt Streets..	Portland, Oreg.
*192	Krey Packing Co. ....	Twenty-first Street and Bremen Avenue.	St. Louis, Mo.
192 B	Mound City Ice & Cold Storage Co.	Ninth and Branch Streets. ....	Do.
193	Harrow-Taylor Butter Co. ....	614 Broadway. ....	Kansas City, Mo.
*196	Wilson & Co. ....	Thirtieth and Market Streets..	Philadelphia, Pa.
	and		
	Wilson-Martin Co.		
196 A	.....do. ....	Thirty-sixth Street and Grays Ferry Avenue.	Do.
*196 B	Wilson & Co. ....	Union Stock Yards; mail, Claremont Street.	Baltimore, Md.
	and		
	Empire Provision & Produce Co.		
	Wilson-Martin Co.		
*197	Anton Stolle & Sons .....	40 Liberty Avenue. ....	Richmond, Ind.
*199	George A. Hormel & Co. ....	.....	Austin, Minn.
	and		
	American Provisions Export Co.		
200	Otto F. Stifel's Union B. Co. ....	3145-3151 Michigan Avenue ...	St. Louis, Mo.
201	Henry Strecker .....	2066 East Tioga Street. ....	Philadelphia, Pa.
*202	Cudahy Packing Co. ....	North Lawrence Avenue and Twenty-second Street.	Wichita, Kans.
	and		
	Pioneer Packing Co.		
*203 A	Charles S. Hardy .....	710-722 Sixth Street. ....	San Diego, Calif.
204	The C. Kalbitzer Packing Co. ....	4128 Water Street. ....	Wheeling, W. Va.
*205	Allied Packers (Inc.) .....	216-236 North Quincy Street...	Topeka, Kans.
	and		
	Parker-Webb Co.		
	Charles Wolff Packing Co.		
*208	Joseph Baum Packing Co. ....	308 Central Avenue. ....	Kansas City, Kans.
209	David Berg & Co. ....	449-459 West Thirty-seventh Street.	Chicago, Ill.
	and		
	Sinai Kosher Sausage Factory.		
	Liberty Sausage Co.		
211	Fischer Meat Co. ....	Union Market; mail, 1301 Lewis Street.	St. Louis, Mo.
212	Consolidated Beef & Provision Co.	104 South Exeter Street. ....	Baltimore, Md.
216	Lotz Bros. ....	1825 South Front Street. ....	Philadelphia, Pa.
217	Lincoln Meat Co. ....	3806 South Halsted Street. ....	Chicago, Ill.
220	N. E. Hollis Co. ....	51 North Market Street. ....	Boston, Mass.
221	P. D. Gwaltney, jr. & Co. ....	.....	Smithfield, V

\* Conducts slaughtering.

*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
*222	Jacob E. Decker & Sons.....		Mason City, Iowa.
*224	Carstens Packing Co.....	1623 East J Street; mail, P. O. box 1559.	Tacoma, Wash.
*224	B .....do..... and Empire Packing Co.	Broadway and Regal Streets..	Spokane, Wash.
225	Strauss-Kohn Co.....	742-744 West Forty-fifth Street	Chicago, Ill.
*226	Swift & Co.....	Harrison Avenue; mail, Har- rison Station, Newark, N. J.	Kearny, N. J.
	and G. H. Hammond Co.		
*227	Armour & Co.....	Thirty-ninth Street and Eleventh Avenue.	New York, N. Y.
	and The Anglo-American Provision Co.		
	The Colorado Packing & Pro- vision Co.		
	Fowler Packing Co.		
	Halstead & Co.		
	Hammond Packing Co.		
	The New York Butchers' Dressed Meat Co.		
	Prairie State Packing Co.		
	James Wright & Co.		
229	V. W. Joyner & Co.....		Smithfield, Va.
231	Valley Packing & Provision Co.	114 Franklin Street.....	Sharon, Pa.
232	Kellogg Products (Inc.).....	1317 Elk Street.....	Buffalo, N. Y.
233	Cheshire Beef & Produce Co....	105 Emerald Street.....	Keene, N. H.
*233	A Cheshire Farm.....		Do.
*234	The Theurer-Norton Provision Co.	3136 West Sixty-third Street..	Cleveland, Ohio.
*235	Allied Packers (Inc.).....	3854 Morgan Street; mail 621 Postal Telegraph Building.	Chicago, Ill.
	and Parker-Webb Co.		
	Western Packing & Provision Co.		
238	Eagle Conserves Co.....	3005 Fort Hamilton Parkway.	Brooklyn, N. Y.
*239	Dryfus Packing & Provision Co..	First and Ellsworth Streets...	La Fayette, Ind.
*241	Swift & Co.....	3237 West Sixty-fifth Street...	Cleveland, Ohio.
	and The G. H. Hammond Co.		
	Omaha Packing Co.		
	The People's Packing Co.		
	Plankinton Packing Co.		
	Swift & Co., successors St. Louis Dressed Beef & Provision Co.		
	Wester Packing Co.		
244	A Waldeck Packing Co.....	Ewing and La Salle Streets ...	St. Louis, Mo.
	and J. C. C. Waldeck.		
245	The Brewer-Snyder Co. (Inc.)...	119 Third Street SE.....	Washington, D. C.
*246	Henneberry & Co.....	South Summit Street.....	Arkansas City, <b>Kans.</b>
*247	Greenwald Packing Co.....	Union Stock Yards.....	Baltimore, Md.
*249	Corkran, Hill & Co.....	.....do.....	Do.
*250	Allied Packers (Inc.).....	Michigan Avenue and Twen- tieth Street.	Detroit, Mich.
	and Parker-Webb Co.		

\* Conducts slaughtering.

*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
251	Vette & Zuncker Packing Co.... and Vette & Zuncker. Vette & Zuncker Canning Depart- ment.	216-220 North Green Street....	Chicago, Ill.
253	The George Co. (Inc.).....	404 South Charles Street.....	Baltimore, Md.
256	The Taylor Provision Co. ....	63 Perrine Avenue.....	Trenton, N. J.
*257	Louis Burk.....	Girard Avenue and Third Street.	Philadelphia, Pa.
*258	Allied Packers (Inc)..... and Klinck Packing Co. Parker-Webb Co.	37 Depot Street.....	Buffalo, N. Y.
*259	E. Godel & Sons.....	Foot South Street.....	Peoria, Ill.
*260	Miller & Hart..... and American Provisions Export Co.	Forty-sixth Street and Pack- ers Avenue.	Chicago, Ill.
262	Joseph Campbell Co. .... and Franco-American Food Co.	32 North Front Street.....	Camden, N. J.
*263	The Jones Dairy Farm. ....	.....	Fort Atkinson, Wis.
*265	United Serum Co. ....	Twenty-first Street and Wa- bash Avenue.	Wichita, Kans.
*266	Jacob Vogel & Son.....	2604 Colerain Avenue.....	Cincinnati, Ohio.
267	Stoyka's Foods (Inc.)..... and John Stoyka.	739 University Avenue.....	St. Paul, Minn.
268	The E. K. Pond Packing Co..... and H. C. Derby Co. E. K. Pond Co.	515-531 West Twenty-fourth Place.	Chicago, Ill.
*271	Houston Packing Co.....	.....	Houston, Tex.
273	Yellowstone Packing Co.....	Montana Avenue and Fif- teenth Street; mail, P. O. box 1322.	Billings, Mont.
*274	Elliott & Co.....	Thirty-seventh Avenue West.	Duluth, Minn.
*275	Constock & Co.....	Concord Street.....	Pawtucket, R. I.
275	A .....do.....	199 Canal Street.....	Providence, R. I.
*276	Sahlen Packing Co.....	318 Howard Street.....	Buffalo, N. Y.
*277	John J. Felin & Co.....	4144 Germantown Avenue.....	Philadelphia, Pa.
277	A John J. Felin & Co. (Inc.).....	407-411 West Thirteenth Street.	New York, N. Y.
278	National Sausage Factory.....	Fifth Street and Kaw River; mail, Kansas Avenue and Berger Street.	Kansas City, Kans.
*279	The Nuckolls Packing Co.....	Santa Fe Avenue and Spring Street.	Pueblo, Colo.
280	A The Henry Muhs Co.....	Monroe Street and Central Avenue.	Passaic, N. J.
*282	Agar Packing Co., Inc.....	4057 Union Avenue.....	Chicago, Ill.
*283	Figge & Hutwelker Co.....	621-635 West Fortieth Street..	New York, N. Y.
284	Armour & Co.....	17-21 South Fourth Street....	Fort Smith, Ark.
*286	Schaffner Brothers Co.....	Fifteenth, between Ash and Wayne Streets.	Erie, Pa.
*287	Rosslyn Packing Co.....	.....	Rosslyn, Va.

\*Conducts slaughtering.



*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
*288	The A. Sander Packing Co.....	1024 Gest Street.....	Cincinnati, Ohio.
*289	Arbogast & Bastian Co.....	1 to 19 Hamilton Street.....	Allentown, Pa.
*290	The H. H. Meyer Packing Co....	Central Avenue and Linn Street.	Cincinnati, Ohio.
*291	Swift & Co..... and The Brelsford Packing & Storage Co. The G. H. Hammond Co. Omaha Packing Co. Plankinton Packing Co. Swift & Co., successors St. Louis Dressed Beef & Provision Co. Western Packing Co.	Seventh and North Streets....	Harrisburg, Pa.
*293	The Evansville Packing Co.....	Morgan Avenue and Harriet Street.	Evansville, Ind.
*294	The John Hoffmann's Sons Co...	2148 Colerain Avenue.....	Cincinnati, Ohio.
*296	The Kroger Grocery & Baking Co.	Bank Street and Winchell Avenue.	Do.
*297	New York Veal & Mutton Co....	First Avenue and Forty-third Street.	New York, N. Y.
*298	Gustav Juengling.....	2869 Massachusetts Avenue...	Cincinnati, Ohio.
299	Crown Food Products Corporation.	1217 Eddy Street.....	Providence, R. I.
302	The American Cotton Oil Co.... and The N. K. Fairbank Co.	Mail, P. O. box 900 (office, 65 Broadway, New York, N. Y.)	Gretna, La.
*303	E. W. Penley.....	37 Knight Street.....	Auburn, Me.
304	Fred Usinger.....	302 Third Street.....	Milwaukee, Wis.
306	Swift & Co.....	17 Bayley Street.....	Pawtucket, R. I.
307	Furbush & Co. (Inc.).....	539 Rutherford Avenue, Charleston district; mail, 92 State Street.	Boston, Mass.
308	William H. Easton & Co.....	67 West Broadway.....	Newport, R. I.
309	Kimball & Colwell Co.....	453 Washington Street.....	Providence, R. I.
310	Anthony Batek.....	2029-2035 Greshaw Street....	Chicago, Ill.
311	N. Maggioli Co., Inc.....	120-122 North Street.....	Boston, Mass.
312	John A. Schultz.....	345 Main Street.....	Cambridge, Mass.
313	J. W. Beardsley's Sons.....	690 Frelinghuysen Avenue....	Newark, N. J.
314	C. Hollenbach.....	2653 Ogden Avenue.....	Chicago, Ill.
315	Thrift Packing Co..... and Chili Products Co. J. Delgado Manufacturing Co.	600 South Pacific Avenue....	Dallas, Tex.
317	Adolf Gobel (Inc.).....	Morgan Avenue and Rock Street.	Brooklyn, N. Y.
318	William Underwood Co.....	52 Fulton Street.....	Boston, Mass.

\* Conducts slaughtering.

*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
319	The American Cotton Oil Co. . . . and The N. K. Fairbank Co. The W. J. Wilcox Lard & Re- fining Co. The W. J. Wilcox L. & R. Co. W. J. Wilcox & Co.	Office, 65 Broadway, New York, N. Y.	Guttenberg, N. J.
320	Baltimore Butterine Co. . . . .	20-24 Wilkens Street. . . . .	Baltimore, Md.
323	Beech-Nut Packing Co. . . . .	Beechnut Street. . . . .	Canajoharie, N. Y.
324	M. D. Singer & Co., Inc. . . . .	3451 Giles Avenue. . . . .	Chicago, Ill.
325	C. A. Van Deusen Co. . . . .	15 North Seventh Street. . . . .	Hudson, N. Y.
326	Roberts & Oake of New Eng- land (Inc.).	11 Terminal Way. . . . .	Providence, R. I.
327	Simon Lewald, Inc. . . . .	438 Second Avenue. . . . .	New York, N. Y.
328	A. Löffler Provision Co. (Inc.). . . and The A. Löffler Sausage & Pro- vision Co.	. . . . .	Benning, D. C.
329	Kent Brothers. . . . .	169 Blackstone Street. . . . .	Boston, Mass.
330	William Moland's Sons. . . . .	158 Laurel Street. . . . .	Philadelphia, Pa.
330 A	.....do. . . . .	120 Market Street. . . . .	Do.
*331	Luer Bros. Packing & Ice Co. . . . and Luer Bros. Packing Co.	701-719 East Broadway. . . . .	Alton Ill.
331 A	Luer Bros. Packing & Ice Co. . . .	301-303 East Broadway. . . . .	Do.
333	International Provision Co. . . . .	33 Degraw Street. . . . .	Brooklyn, N. Y.
334	Ottenheimer Bros. . . . .	2308-2310 Frederick Avenue. . .	Baltimore, Md.
*336	N. Auth Provision Co. . . . .	630 Virginia Avenue SW. . . . .	Washington, D. C.
338	E. W. Burr. . . . .	33 Front Street. . . . .	New York, N. Y.
339	Bernhard Ernst Bros. . . . .	2920 North Sixth Street. . . . .	Philadelphia, Pa.
340	Cox & Gordon Packing Co. . . . .	1019 South Third Street. . . . .	St. Louis, Mo.
341	Jacob Dangler & Son. . . . .	722 Myrtle Avenue. . . . .	Brooklyn, N. Y.
*342	E. Bucher Packing Co. . . . .	Thirty-eighth Street and Com- mercial Avenue.	Cairo, Ill.
344	The Ko Ko Mar Co. . . . .	West 47th St. and Train Ave.	Cleveland, Ohio.
345	Pure Food Specialty Corporation.	291 Railroad Avenue. . . . .	Hackensack, N. J.
346	Pawling Products Co. (Inc.). . . . .	. . . . .	Pawling, N. Y.
347	Augustus Saugy (Inc.). . . . .	285 Canal Street. . . . .	Providence, R. I.
*350	C. Hohman & Sons. . . . .	2038 East Monument Street. . .	Baltimore, Md.
*351	Valentine's Meat Juice Co. . . . .	Chamberlayne, Parkway and High Street; mail, P. O. box 1214.	Richmond, Va.
*352	Hansen Packing Co. . . . .	P. O. box 1414. . . . .	Butte, Mont.
*353	William Zoller Co. . . . .	350 Spring Garden Avenue. . .	Pittsburgh, Pa.
*354	G. F. Pfund & Son. . . . .	3945 Germantown Avenue. . . .	Philadelphia, Pa.
*355	C. F. Vissman & Co. . . . .	117 Bickle Avenue. . . . .	Louisville, Ky.
356	Deerfoot Farm Co. . . . .	. . . . .	Southboro, Mass.
*357	Heil Packing Co. . . . .	1100 Missouri Avenue. . . . .	St. Louis, Mo.
*359	Bimbler Co. . . . .	Harrison Avenue; mail, 30 Plane Street, Newark, N. J.	Kearny, N. J.
*360	J. H. Belz Provision Co. . . . .	3601 South Broadway. . . . .	St. Louis, Mo.
361	D. Fullerton & Co. . . . .	306 River Street. . . . .	Paterson, N. J.
*361 A	.....do. . . . .	Warren and East Fifth Streets.	Do.

\* Conducts slaughtering.

*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
*362	Arabi Packing Co., Inc.....		Arabi, La.
*364	C. G. Kriel Co..... and Charles G. Kriel.	7-21 West Henrietta Street...	Baltimore, Md.
365	Palmine Co., Inc.....	Palisade Avenue; mail 90 West Street, New York, N. Y.	Dobbs Ferry, N. Y.
*367	Dunlevy Franklin Co..... and Dunlevy Packing Co	6500 Hamilton Avenue.....	Pittsburgh, Pa.
*368	Charles A. Freund.....	1215 West Liberty Street.....	Cincinnati, Ohio.
*369	George Kaiser Packing Co.....	81 North First Street.....	Kansas City, Kans.
370	Sidney Siegel.....	1141-1145 West Forty-seventh Street.	Chicago, Ill.
*372	Samuel Plaut.....	407 East Forty-fourth Street..	New York, N. Y.
*373	Allied Packers (Inc.)..... and Parker-Webb Co. F. Schenk & Sons Co.	Center and Second Streets, Fulton.	Wheeling, W. Va.
374	Cube-O. (Inc.).....	35 Myrtle Avenue.....	Brooklyn, N. Y.
*375	John Hilberg & Sons.....	516 Poplar Street.....	Cincinnati, Ohio.
*377	A Jones & Lamb Co.....	Seventh and Lombard Streets.	Baltimore, Md.
*378	Nagle Packing Co.....	681-683 Henderson Street.....	Jersey City, N. J.
*378	A do.....	6900 Dix Avenue.....	Detroit, Mich.
381	Keystone Instant Food Co. (Inc.)	Triangle Street.....	Danbury, Conn.
*382	J. M. & P. Scanlan.....	613 West Fortieth Street.....	New York, N. Y.
*383	The Danahy Packing Co.....	Metcalf and Clinton Streets...	Buffalo, N. Y.
384	Nut Grove Butter Co.....	106 Noxon Street (Mail: P. O. box 457, Providence, R. I.)	Syracuse, N. Y.
*386	George Hausmann & Sons (Inc.)	Fifty-first Street and West- minster Avenue.	Philadelphia, Pa.
*388	Aaron Levy & Co.....	262 Hudson Avenue.....	Brooklyn, N. Y.
*389	John A. Gebelein.....	731 North Castle Street.....	Baltimore, Md.
*390	A. Aron (Inc.).....	335 Johnson Avenue.....	Brooklyn, N. Y.
*391	F. G. Vogt & Sons (Inc.).....	Thirtieth and Race Streets...	Philadelphia, Pa.
392	The Jacob C. Shafer Co.....	516-520 West Lexington Street.	Baltimore, Md.
393	Wynne Lard and Provision Co..	1141-1145 May Avenue (P. O. box 263).	Norfolk, Va.
*394	Haverhill Abattoir Co.....	Hilldale Avenue.....	Haverhill, Mass.
394	A Edwin H. Moulton Co.....	132 Essex Street.....	Do.
*395	The A. Loewenstein's Sons Co...	John and Livingston Streets..	Cincinnati, Ohio.
*396	Dubuque Packing Co.....	Sixteenth and Sycamore Streets.	Dubuque, Iowa.
*397	The Ideal Packing Co..... and The John Hoffmann Packing Co.	2141 Baymiller Street.....	Cincinnati, Ohio.
*398	Powers-Begg & Co.....	Center and Johnson Streets...	Jacksonville, Ill.
400	The Reber Preserving Co.....		Eola, Ill.
*401	Chicago Packing Co..... and Fuhrman & Foster.	4531-4539 Gross Avenue.....	Chicago, Ill.
402	Troco Nut Butter Co.....	3702-3712 Iron Street.....	Do.
403	Feinberg Kosher Sausage Co....	809-811 Lyndale Avenue N...	Minneapolis, Minn.
404	New Jersey Provision Co.....	160 Passaic Street.....	Trenton, N. J.

\*Conducts slaughtering



*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
*405	A. Fink & Sons (Inc.).....	810 Frelinghuysen Avenue....	Newark, N. J.
406	William J. Moxley.....	541-555 West Randolph Street.	Chicago, Ill.
407	Mickelberry's Food Products Co..	801-811 West Forty-ninth Place	Do.
408	Acorn Packing Co.....	4118 Ludlow Street.....	Philadelphia, Pa.
409	J. H. Filbert (Inc.).....	804-806 Calverton Road.....	Baltimore, Md.
410	George W. Gill & Co.....	4107 South La Salle Street....	Chicago, Ill.
411	Vermont Butterine Co. (Inc.)....	754 Eddy Street.....	Providence, R. I.
412	New England Rendering Co.....	Market Street.....	Brighton, Mass.
412 A	do.....		Do.
413	John F. Jelke Co.....	2650 West Polk Street.....	Chicago, Ill.
	and Geo. P. Braun Co.		
414	Hauck Nut Butter Co.....	85 Clifton Avenue.....	Newark, N. J.
415	Lederle Antitoxin Laboratories.	Middletown Road.....	Pearl River, N. Y.
416	Boston Fresh Tripe Co.....		Brighton, Mass.
417	H. C. Derby Co.....	800-802 First Avenue.....	New York, N. Y.
417 A	do.....	425-429 Fairmount Avenue....	Philadelphia, Pa.
418	Elmwood Farm.....	908 Main Street.....	Leominster, Mass.
419	The Great Atlantic & Pacific Tea Co.	245 Chestnut Street; mail, P. O. box 1253.	Springfield, Mass.
419 A	do.....	S. W. corner Broad and Som- erset Streets.	Philadelphia, Pa.
419 B	do.....	1-24 Fitchburg Street.....	Somerville, Mass.
419 C	do.....	32 Terminal Way.....	Pittsburgh, Pa.
420	Chris. Grozinger Co. (Inc.).....	195 Wilson Avenue.....	Brooklyn, N. Y.
421	Allied Packers (Inc.).....	Tenth and Byrd Streets; mail, P. O. box 393.	Richmond, Va.
	and W. S. Forbes & Co. (Inc.).		
422	A. Frank & Sons.....	789 First Avenue.....	New York, N. Y.
424	A. J. Wettach & Co.....	427 East Forty-seventh Street.	Do.
425	E. A. Stevenson & Co. (Inc.)....	Division Street; mail, 44 White- hall Street, New York, N. Y.	Boonton, N. J.
426	Pure Food Specialty Co.....	27 Front Street; mail, P. O. box 373.	Lawrence, Mass.
427	Richardson & Robbins Co.....		Dover, Del.
428	Shamokin Pure Food Products Co. (Inc.).	301-305 Commerce Street.....	Shamokin, Pa.
429	The Glidden Nut Butter Co.....	2634-2670 Elston Avenue.....	Chicago, Ill.
430	Meyer Bros.....	Corner Lowell and Frederick Streets.	Ironwood, Mich.
431	John Minder & Son (Inc.).....	224-226 Greenwich Street.....	New York, N. Y.
432	Harry Bramham.....	56 Utton Avenue.....	Pawtucket, R. I.
433	Stiefel O'Mara Co. (Inc.).....	433 West Fourteenth Street...	New York, N. Y.
434	La Vencedora Co.....	414 Central Avenue.....	Dubuque, Iowa.
438	Rutherford Flavorings Co.....	1619 East Eighth Street.....	Kansas City, Mo.
441	The Cudahy Packing Co.....	900-912 Girard Avenue.....	Philadelphia, Pa.
444	Power Packing Plant.....	1101 First Avenue North.....	Nashville, Tenn.
445	Eastern Food Products Corpora- tion.	South Street.....	Waltham, Mass.
446	Max Trunz.....	25-29 Lombardy Street.....	Brooklyn, N. Y.
447	Maescher & Co.....	1754 Central Avenue.....	Cincinnati, Ohio.
449	The College Inn Food Products Co.	125 West Lake Street.....	Chicago, Ill.

\* Conducts slaughtering.

*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
451	Morris & Co..... and W. A. Millar & Co.	427 North Second Street.....	Philadelphia, Pa.
452	Joseph R. Shimer Co.....	16 First Street.....	Phillipsburg, N. J.
454	George Kern (Inc.).....	496 Ninth Avenue; mail, 350- 352 West Thirty-eighth Street.	New York, N. Y.
455	Karl Seiler & Sons.....	4051-4059 North Fifth Street...	Philadelphia, Pa.
459	Van Wagenen & Schickhaus Co. and Swift & Co. The G. H. Hammond Co.	30 Plane Street.....	Newark, N. J.
460	Guckenheimer & Hess (Inc.)...	83 Third Avenue.....	New York, N. Y.
462	Peerless Brand Puff Paste Co....	26 Edwin Street.....	Providence, R. I.
464	Darling Bros. Co.....	405 West Fourteenth Street...	New York, N. Y.
466	Otto Stahl.....	165 East One hundred and twenty-sixth Street.	Do.
467	The Cudahy Packing Co.....	213-219 Jackson Street.....	Seattle, Wash.
472	Curtice Bros. Co.....	20 Curtice Street.....	Rochester, N. Y.
474	The Palmyra Bologna Co.....		Palmyra, Pa.
475	Isaac Gellis.....	37 Essex Street.....	New York, N. Y.
476	The Cudahy Packing Co.....	341 East Oak Street.....	Portland, Oreg.
477	A. Lester Heyer.....	318 East Thirty-ninth Street..	New York, N. Y.
*478	Means Packing Co.....	Second and Lyons Avenues...	Kansas City, Kans.
482	Charles A. Baldwin & Co.....	109-111 North Street.....	Boston, Mass.
485	Thomas Harris.....	443 West Forty-fifth Street...	New York, N. Y.
486	Neuer Bros. Meat Co.....	1326-1328 Main Street.....	Kansas City, Mo.
*187	East Tennessee Packing Co.....	Jones Street; mail, P. O. box 676.	Knoxville, Tenn.
488	H. L. Handy Co.....	41 Hampden Street.....	Springfield, Mass.
489	Bronx Provision Co..... and Bronx Provision Corporation of New York.	2692 Third Avenue.....	New York, N. Y.
490	Sam Gordon.....	62 East One hundred and tenth Street.	Do.
493	Acme Tea Co.....	Noble Street and York Avenue	Philadelphia, Pa.
496	Vienna Sausage Manufacturing Co. (Inc.). and Wilno Sausage Co.	1215 South Halsted Street.....	Chicago, Ill.
498	Newark Packing Co..... and S. A. Pumphrey & Co.	217-219 Astor Street.....	Newark, N. J.
*501	Sartorius Provision Co.....	2734 Arsenal Street.....	St. Louis, Mo.
*504	A. H. March Packing Co.....	139 Front Street.....	Bridgeport, Pa.
*506	Omaha Packing Co.....	Thirty-eighth and M Streets..	Omaha, Nebr.
*507	Fred Eckart Packing Co.....	1825 West Main Street.....	Fort Wayne, Ind.
*509	Wilson Provision Co.....	Foot South Street.....	Peoria, Ill.
*510	The Hull & Dillon Packing Co...	West Fourth Street.....	Pittsburg, Kans.
*515	The Ohio Provision Co.....	Clark Avenue and Big Four Railway.	Cleveland, Ohio.

\* Conducts slaughtering.

*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
516	Swift & Co., successors G. H. Hammond Co., Corning, N. Y. and The G. H. Hammond Co., U. S. A.	22-24 East Tioga Avenue.....	Corning, N. Y.
*517	Charles Miller & Co.....	37-42 Secaucus Road; mail, West Hoboken, N. J.	North Bergen, N. J.
*518	Fergus Cooperative Packing Co.	.....	Fergus Falls, Minn.
*520	The Henry Burkhardt Packing Co.	235 South Irwin Street.....	Dayton, Ohio.
*521	Illinois Packing Co.....	911-993 West Thirty-seventh Place.	Chicago, Ill.
*522	Washington Abattoir Co.....	.....	Benning, D. C.
*523	The Blumenstock & Reid Co.....	3261 West Sixty-fifth Street....	Cleveland, Ohio.
*524	Pearl Packing Co. (Inc.).....	710 North West Street.....	Madison, Ind.
526	George Egner.....	67 Central Avenue.....	Jersey City, N. J.
*527	Jones-Chambliss Co.....	1055 Forest Street.....	Jacksonville, Fla.
529	Geikler Bros.....	405 North Second Street.....	Philadelphia, Pa.
530	J. R. Beiersdorf & Bro.....	962-964 Thirty-eighth Place....	Chicago, Ill.
531	Hately Brothers Co.....	Thirty-seventh and Iron Streets; mail, 141 West Jack- son Boulevard.	Do.
*531 A	.....do.....	.....	New Richmond, Wis.
533	Arnold Bros.....	660-664 West Randolph Street.	Chicago, Ill.
534	Weisel & Co.....	Commerce Street and Hum- boldt Avenue.	Milwaukee, Wis.
537	Oscar Mayer & Co..... and Oscar F. Mayer & Bro.	1241-1263 Sedgwick Street.....	Chicago, Ill.
537 A	Oscar P. Mayer & Co..... and Oscar F. Mayer & Bro.	North Street.....	Madison, Wis.
538	Chas. Hutwelker.....	14-22 Hall Street.....	Brooklyn, N. Y.
*540	C. Lehman Packing Co. (Inc.)....	321 Johnson Avenue.....	Do.
541	Carl A. Weitz.....	67 South Street.....	Somerville, Mass.
543	G. Hollenbach & Son.....	1100 West Marquette Road....	Chicago, Ill.
*547	Anderson & Tarlow.....	482-484 Austin Place.....	New York, N. Y.
551	The Procter & Gamble Co.....	Hazel Street.....	Macon, Ga.
552	Theo. Krainin..... and The Hebrew National Kosher Sausage Factory. The Hebrew National Sausage Factory.	155 East Broadway.....	New York, N. Y.
*555	Burlington Rendering Co.....	North Avenue.....	Burlington, Vt.
555 A	Butchers' Rendering Co.....	Birch Street.....	Fall River, Mass.
555 B	Manchester Rendering Co.....	Hancock Street.....	Manchester, N. H.
555 C	Portland Rendering Co.....	147 Presumpscot Street.....	East Deering, Me.
*555 D	Springfield Rendering Co.....	.....	Chicopee, Mass.
555 F	Worcester Rendering Co.....	.....	Auburn, Mass.
555 G	Hinckley Rendering Co.....	Melrose Street.....	Somerville, Mass.
555 H	New Haven Rendering Co.....	Spring Street, West Haven, Conn.	New Haven, Conn.
555 I	L. B. Darling Fertilizer Co.....	654 Mineral Spring Avenue....	Pawtucket, R. I.
*555 J	The Portland Abattoir.....	92 Presumpscot Street.....	Portland, Me.

\* Conducts slaughtering.



*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
556	Walker Properties Association...	502 West Third Street; mail, 301 West Fourth Street.	Austin, Tex.
*562	Armstrong Packing Co..... and Armstrong Refining Co., Arm- strong—Dallas.	Alma and South Lamar Streets	Dallas, Tex.
*564	Illinois Meat Co.....	Fortieth and Wallace Streets	Chicago, Ill.
567	The Ohio Butterine Co.....	50 Walnut Street.....	Cincinnati, Ohio.
573	Columbia Conserve Co.....		Indianapolis, Ind.
*577	The Lake Erie Provision Co....	3112 West Sixty-third Street.	Cleveland, Ohio.
*579	Memphis Packing Corporation..	229 Falls Building.....	Memphis, Tenn.
*580	Sullivan Packing Co..... and American Provisions Export Co..	2590 Beecher Avenue.....	Detroit, Mich.
*582	George L. Zoeckler.....	112 Bow Street.....	Wheeling, W. Va.
*584	Jacob Ulmer Packing Co.....	Walnut and Railroad Streets..	Pottsville, Pa.
*586	The Columbus Packing Co.....	South High Street and Hock- ing Valley Railway.	Columbus, Ohio.
*588	Seltzer Packing Co.....	Water Street.....	Pottsville, Pa.
*590	G. Erhardt Sons.....	545-547 Poplar Street.....	Cincinnati, Ohio.
*591	Ogden Packing & Provision Co..	West Twenty-fourth Street...	Ogden, Utah.
*592	W. C. Routh & Co.....	Logansport and Southwestern Pike.	Logansport, Ind.
594	Golden Packing Co., Inc.....	53 Little West Twelfth Street..	New York, N. Y.
*597	C. Stoppenbach's Sons.....	River Street.....	Jefferson, Wis.
598	Kaw Packing Co.....	400 East Crane Street.....	Topeka, Kans.
600	Oakdale Manufacturing Co..... and Goshen Manufacturing Co.	156 South Water Street.....	Providence, R. I.
604	The George E. Marsh Co.....	391 Chestnut Street.....	Lynn, Mass.
607	Paiva & Silva.....	156 Fifth Street.....	Cambridge, Mass.
615	W. G. Wagner & Sons (Inc.).... and W. G. Wagner.	573 First Avenue.....	New York, N. Y.
*618	The Western Laboratories Se- rum Farm.	Mail, Twenty-fourth and Broadway, Oakland, Calif.	Stockton, Calif.
621	Abram Re.....	32 Fulton Street.....	Boston, Mass.
623	The Capital City Products Co.. and Capital City Dairy Co.	West First Avenue and Perry Street.	Columbus, Ohio.
627	D. M. Bodine.....	32 South Stockton Street.....	Trenton, N. J.
628	W. W. Rose.....	175 Pennington Avenue.....	Do.
*641	Carondelet Packing Co.....	8000 Ivory Avenue.....	St. Louis, Mo.
*642	Henry Meyer's Sons.....	2855 Sidney Avenue.....	Cincinnati, Ohio.
*643	Higgins Packing Co. (Inc.).....	Thirty-sixth and L Streets ..	Omaha, Nebr.
*645	E. & A. Levy.....	218-226 North Ninth Street...	Brooklyn, N. Y.
*649	The William Schluderberg-T. J. Kurdle Co. and The William Schluderberg & Son Co.	Baltimore Street, Fifth to Seventh.	Baltimore, Md.
*650	East Side Packing Co.....	Second Street and Lynch Ave.	East St. Louis, Ill.

\* Conducts slaughtering.

*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
651	Bushwick Pork Packing Co.....	31 Bushwick Avenue.....	Brooklyn, N. Y.
653	M. Strohmeier Bros.....	119 Washington Street.....	Hoboken, N. J.
656	Workman Packing Co.....	432-452 Seventh Street.....	San Francisco, Calif.
659	The Lebanon Bologna & Provision Co.	Eleventh Avenue and P. & R. Ry.	Lebanon, Pa.
662	Kosher Star Sausage Manufacturing Co.	1010 Maxwell Street.....	Chicago, Ill.
668	The Blanton Co..... and The Blanton-Sims Co.	109-115 Spruce Street.....	St. Louis, Mo.
669	John S. Weaver.....		Lebanon, Pa.
674	Phillip Cullman.....	515 East Nineteenth Street...	New York, N. Y.
*678	Jacob Bauer's Sons.....	2870 Massachusetts Avenue...	Cincinnati, Ohio.
679	Julius Sostmann & Sons.....	232 North Delaware Avenue...	Philadelphia, Pa.
*680	Armour & Co..... and The Anglo-American Provision Co. The Colorado Packing & Provision Co. Friedman Manufacturing Co. Fowler Packing Co. German American Provision Co. (Chicago, Ill.). Hammond Packing Co. Halstead & Co. The New York Butchers' Dressed Meat Co. The North American Provision Co. Prairie State Packing Co. E. H. Stanton Co. Wabash Packing Co. James Wright & Co.	Virginia and E Streets.....	Spokane, Wash.
*681	Valley Packing Co.....		Salem, Oreg.
*684	Corn Belt Packing Co.....	Thirtieth and Jackson Streets.	Dubuque, Iowa.
*685	The William Focke's Sons Co...	East Springfield Pike.....	Dayton, Ohio.
*686	Strauss & Adler.....	606-611 West Fortieth Street..	New York, N. Y.
688	John H. Bare.....	Rachel Street and Henshaw Avenue.	Cincinnati, Ohio.
*689	The Charles Sucher Packing Co..	North Western Avenue.....	Dayton, Ohio.
691	James A. Hamilton.....	Twenty-fifth and Moore Sts...	Philadelphia, Pa.
695	Cream Dove Manufacturing Co..	11-15 Alice Street.....	Binghamton, N. Y.
699	William Ottmann & Co.....	509-511 West Sixteenth Street.	New York, N. Y.
702	F. Blumenhagen.....	1533 Augusta Street.....	Chicago, Ill.
704	Weinshtein & Goldstein.....	21 Mercer Street.....	Cincinnati, Ohio.
709	I. Blum.....	942-944 Fulton Street.....	Chicago, Ill.
*717	D. E. Nebergall Meat Co.....		Albany, Oreg.
*718	Will F. Hoerter & Sons.....	2011 Frankfort Avenue.....	Louisville, Ky.
*719	John F. Stegner.....	3100 Colerain Avenue.....	Cincinnati, Ohio.
*721	The Lohrey Packing Co.....	2827-2829 Massachusetts Ave..	Do.
*724	Newton Packing Co.....	1041-1083 Fourteenth Street...	Detroit, Mich.
*725	Jacob Folger.....	Phillips Avenue.....	Toledo, Ohio.
*726	Neuhoff Packing Co.....	1304-1312 Adams Street.....	Nashville, Tenn.

\* Conducts slaughtering.

*Meat-inspection establishments, by numbers—Continued.*

No.	Establishments.	Location.	Station.
*727	Interstate Packing Co.....	.....	Winona, Minn.
*735	S. W. Gall.....	2119-2125 Freeman Avenue....	Cincinnati, Ohio.
737	Robert L. Eby Co.....	Sixth and Oak Streets; mail, 402 South Sixth Street.	Lebanon, Pa.
*739	Jacob Schlachter's Sons.....	2831 Colerain Avenue.....	Cincinnati, Ohio.
*741	Ehrhardt Haehnle.....	1817 John Street.....	Do.
*747	Peoples Packing House Co.....	256-258 Stark Street.....	Do.
750	Brooks Bologne Co.....	155 North Tenth Street.....	Lebanon, Pa.
751	Frank Loeffler.....	3729 South Halsted Street.....	Chicago, Ill.
752	Mohawk Packing Co.....	82 North Street.....	Boston, Mass.
*753	Manhattan City Dressed Beef Co.	403-405 East Forty-fourth St..	New York, N. Y.
755	A. C. Hunt & Co.....	20 Sanford Street.....	Springfield, Mass.
757	Magnolia Provision Co.....	.....	Houston, Tex.
761	Roma Provision Co. (Inc.).....	132-138 King Street.....	New York, N. Y.
762	Aaron Buchsbaum Co.....	729-731 Ninth Avenue .....	Do.
765	John Groce & Son .....	.....	Circleville, Ohio.
766	Wilson & Co.....	19 Commercial Street.....	Boston, Mass.
*769	Guilfoil Packing Co.....	20-22 North Second Street....	Kansas City, Kans.
*770	Guggenheim Bros.....	46th Place and Packers Ave....	Chicago, Ill.
*784	Jacob Brantman .....	178 Delancey Street .....	New York, N. Y.
*785	Natchez Dressed Beef Co.....	.....	Natchez, Miss.
785	A do.....	112-114 Commerce Street .....	Do.
787	Kuhlemann Co.....	2961 Frederick Road.....	Baltimore, Md.
*791	Wimp Packing Co.....	1119-1127 West 47th Place.....	Chicago, Ill.
793	Gebhardt Chili Powder Co.....	Parral and Medio Streets.....	San Antonio, Tex.
	and San Antonio Packing Co.	.....	
796	R. B. Wildman.....	.....	Leesburg, Va.
*798	The Marion Packing Co.....	West Center Street; mail, P. O. box 526.	Marion, Ohio.
*799	C. Swanston & Son.....	P. O. box 323.....	Sacramento, Calif.
804	Sotir & Sorich Co.....	3831 South Halsted Street.....	Chicago, Ill.
*807	Charles F. Sabine.....	2702 Twenty-seventh Street...	Zion City, Ill.
*811	Hagan & Cushing Co.....	.....	Moscow, Idaho.
813	A. Darlington Strode.....	.....	West Chester, Pa.
817	Forest Home Farm.....	.....	Purcellville, Va.
*818	Twin City Packing Co.....	210 Bellview Street.....	Menominee, Mich.
821	Strauss, Schick & Strauss.....	300 Johnson Avenue.....	Brooklyn, N. Y.
822	Hopkinson & Haigh.....	853-855 East Russell Street...	Philadelphia, Pa.
*823	Home Packing & Ice Co.....	First and Chestnut Streets....	Terre Haute, Ind.
825	Steck & Steck (Inc.).....	.....	Tuckahoe, N. Y.
*826	J. H. Allison & Co.....	Middle Street.....	Chattanooga, Tenn.
828	W. H. Bristol.....	204-206 Main Street.....	Lewiston, Idaho.
	and Cold Storage Market.	.....	
*828	A W. H. Bristol.....	Clarkston, Wash.; mail, Lew- iston, Idaho.	Clarkston, Wash.
829	The Pure Food Factory, "Hansa."	.....	Mamaroneck, N. Y.
832	T. T. Keane Co. (Inc.).....	618 Pennsylvania Avenue and 619-621 B Street NW.; mail, 619 B Street, NW.	Washington, D. C.
*835	Keane Provision Co. Barton & Co.....	.....	Seattle, Wash.
835	A do.....	552-554 First Avenue South ..	Do.

\* Conducts slaughtering.



*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
*838	J. A. Whitfield Co.....	Mail, 624 Pennsylvania Avenue, Washington, D. C.	Frederick, Md.
*838	A Old Dutch Market (Inc.)..... and J. A. Whitfield Co.	622-624 Pennsylvania Avenue NW.	Washington, D. C.
*840	Reynolds Packing Co.....	South Fifth Street.....	Union City, Tenn.
*848	C. A. Burnette & Co.....	827 West Twenty-second Street	Chicago, Ill.
852	Bernard S. Pincus .....	2101-2117 Market Street.....	Philadelphia, Pa.
*853	Morristown Produce & Ice Co.....	.....	Morristown, Tenn.
854	M. E. Sampson .....	149 Nesquehoning Street.....	Easton, Pa.
855	Harry Manaster & Bro.....	1018-1030 West Thirty-seventh Street.	Chicago, Ill.
856	Charles S. Johnson.....	58 Washington Street.....	Pawtucket, R. I.
857	Downey Farrell Co .....	509 North Union Avenue.....	Chicago, Ill.
	and James T. Downey Co.		
858	Loschke & Zercher Meat and Sausage Co.	Forty-third Street and State Line.	Rosedale, Kans.
860	T. H. Wheeler Co.....	409 Commercial Street.....	Boston, Mass.
861	The William Edwards Co.....	1300 West Ninth Street.....	Cleveland, Ohio.
*863	The Stock Yards Packing Co....	211 Central Avenue.....	Kansas City, Kans.
871	Thomas J. Kelly & Co.....	15 Brighton Abattoir.....	Boston, Mass.
873	The Stokes Canning Co.....	194 West Dakota Street.....	Denver, Colo.
874	New Bedford Linguica and Chourico Co.	56 Davis Street.....	New Bedford, Mass.
*877	Chipley Packing Co.....	.....	Chipley, Fla.
*878	Pusey, Maynes, Breisch Co.....	3034-3036 Market Street.....	Philadelphia, Pa.
879	Chamberlain & Co. (Inc.).....	113-115 Clinton Street; mail, 24 South Market Street.	Boston, Mass.
879	A .....do.....	33-35 John Street; mail, 24 South Market Street.	Do.
879	B .....do.....	24 Clinton Street; mail, 24 South Market Street.	Do.
879	C .....do.....	41 Richmond Street; mail, 24 South Market Street.	Do.
879	D .....do.....	16-18 Clinton Street; mail, 24 South Market Street.	Do.
879	E .....do.....	88-92 South Market Street; mail, 24 South Market Street.	Do.
879	F .....do.....	21 T Wharf; mail, 24 South Market Street.	Do.
883	J. B. Wallace Co. (Inc.).....	94 Barclay Street.....	New York, N. Y.
884	Charles A. Sweet Provision Co...	813-815 Spruce Street.....	St. Louis, Mo.
886	The Miami Butterine Co.....	107 East Pearl Street.....	Cincinnati, Ohio.
887	Morris & Co..... and Holland Butterine Co.	Bay and Provost Streets.....	Jersey City, N. J.
*888	The William Davies Co..... and John Agar Co.	4101 South Union Avenue.....	Chicago, Ill.
890	L. & A. Yungkau.....	.....	Ashland, Ky.
891	Citti Bros.....	311 West Illinois Street.....	Chicago, Ill.
892	Zion Institutions and Industries.	2712 Elisha Avenue .....	Zion City, Ill.
*894	Wilmington Provision Co.....	Foot of Orange Street.....	Wilmington, Del.
898	Peerless Packing Co.....	3940 Normal Avenue.....	Chicago, Ill.

\* Conducts slaughtering.

*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
901	Albert L. Brahm .....	404 Penn Avenue.....	Pittsburgh, Pa.
*902	Kaufman Packing Co. (Inc.)....	Union Stock Yards.....	Baltimore, Md.
907	Chas. A. Bohn Co.....	23-25 North Street.....	Boston, Mass.
909	Empire Hotel Supply Co. (Inc.)..	169 Ninth Avenue.....	New York, N. Y.
910	Beinecke & Co.....	184 Duane Street.....	Do.
*911	Cotton States Serum Co.....	Franklin and Jefferson Streets.	Grenada, Miss.
*912	Swine Breeders Pure Serum Co..	.....	Thorntown, Ind.
913	National Hotel Supply Co.....	444 West Fourteenth Street...	New York, N. Y.
916	Frank M. Wattendorf.....	44½ Merchants Row.....	Boston, Mass.
*920	I. Paresky.....	Brighton Abattoir.....	Do.
921	Edward Davis (Inc.).....	420-424 West Fourteenth Street.	New York, N. Y.
923	Patrick-Young Co. (Inc.).....	Hermitage Road; mail, P.O. box 1534.	Richmond, Va.
	and		
	Boyd Packing Co.		
	Southern Packing & Provision Co.		
	E. M. Todd Co.		
*924	West Plains Serum Co.....	Springfield Road.....	Westplains, Mo.
*926	A. Horhovitz .....	353 Union Street.....	Trenton, N. J.
927	D. Winant (Inc.).....	178 Front Street.....	New York, N. Y.
928	Harry B. Denham Co. (Inc.)....	929-931 D Street NW.....	Washington, D. C.
929	Arthur E. Dorr & Co. (Inc.)....	2 North Street.....	Boston, Mass.
*930	Missouri Valley Packing Co.....	50 North Second Street.....	Kansas City, Kans.
931	American Kitchen Products Co..	281-283 Water Street.....	New York, N. Y.
935	Sterling Packing Co.....	3114-3116 Shields Avenue.....	Chicago, Ill.
937	Liebig Extract Co. (Inc.).....	239 Fourth Avenue.....	New York, N. Y.
	and		
	E. B. E. Manufacturing Co.		
	Red Cross Packing Co. (Inc.).		
*938	Eckert Packing Co.....	1600 Corydon Road; mail, P. O. box 272.	Henderson, Ky.
*939	Royal Packing Co.....	Adams Street and Osage Avenue.	Kansas City, Kans.
940	The Nauss Bros. Co.....	2289-2291 Third Avenue.....	New York, N. Y.
941	H. D. Reese .....	1203 Filbert Street.....	Philadelphia, Pa.
943	Reading & Dickison.....	225 Race Street.....	Do.
944	George L. Wells (Inc.).....	402-404 North Second Street...	Do.
945	George Nye Co.....	130-132 Lyman Street.....	Springfield, Mass.
947	Herman Diele.....	91 Jackson Street.....	Hoboken, N. J.
948	Wilson & Rogers (Inc.).....	134 North Delaware Avenue...	Philadelphia, Pa.
950	The Engle Co. (Inc.) .....	121-123 Barclay Street.....	New York, N. Y.
951	William Ammann, jr.....	611 North Third Street.....	Philadelphia, Pa.
955	The Van Camp Packing Co.....	2002 South East Street.....	Indianapolis, Ind.
*956	Reading Abattoir Co.....	216-232 Pine Street.....	Reading, Pa.
*957	The Sihler Hog Cholera Serum Co.	210 Central Avenue; mail, 1602 West Sixteenth Street, Kansas City, Mo.	Kansas City, Kans.
959	Atlantic Hotel Supply Co. (Inc.).	676 Hudson Street.....	New York, N. Y.
*960	Paul O. Reymann Co.....	Wetzelland Warren Streets...	Wheeling, W. Va.
	and		
	Wilson & Co.		

\* Conducts slaughtering.

*Meat-inspection establishments, by numbers—Continued.*

No.	Establishment.	Location.	Station.
*962	Pitman-Moore Co.....	Near Zionsville, Ind.; mail, 111-117 North Capitol Avenue.	Indianapolis, Ind.
964	Virginia Lard & Provision Co. (Inc.).	210 Water Street; mail, P. O. box 757, Portsmouth, Va.	Norfolk, Va.
965	Louis M. Doctor.....	99 Fourth Avenue.....	New York, N. Y.
967	Sayles, Zahn Co.....	128 Sixth Avenue.....	Do.
968	B. S. Pearsall Butter Co..... and B. S. Pearsall B. Co.	55 North State Street.....	Elgin, Ill.
*969	The Northern Packing Co.....		Grand Forks, N. Dak.
*970	Swift & Co..... and Moultrie Packing Co.		Moultrie, Ga.
973	Hygrade Provision Co. (Inc.)....	131-133 South Eighth Street; mail, 146-154 Broadway.	Brooklyn, N. Y.
*974	Houlton Dressed Meat Co.....	Pleasant Street.....	Houlton, Me.
*976	A Moe Frank.....	614 West Thirty-ninth Street..	New York, N. Y.
977	Wisconsin Food Products Co....	1011 Center Street.....	Jefferson, Wis.
979	J. E. Colburn.....	247 Main Street.....	Nashua, N. H.
*981	Chieffetz & Greenberg.....	264 Hudson Avenue.....	Brooklyn, N. Y.
982	Buck & Co. (Inc.).....		Lebanon, Pa.
983	Keystone Churning Co.....	39-41 Sussex Street.....	Jersey City, N. J.
984	Caetano Moniz Furtado.....	544 Underwood Street.....	Fall River, Mass.
987	Joseph F. Rezendes.....	433 South Second Street.....	New Bedford, Mass.
*988	Weill & Isaacs.....	244 Hudson Avenue.....	Brooklyn, N. Y.
989	Henry S. Schafer.....	Coal and Belmont Streets.....	Easton, Pa.
991	Standard Provision Co.....	212 North Front Street.....	Philadelphia, Pa.
*995	Louisville Provision Co. (Inc.)...	914-920 East Market Street....	Louisville, Ky.
*996	Louis P. Bornwasser Co.....	929 Geiger Street.....	Do.
999	H. L. Caplan & Co.....	23 South High Street.....	Baltimore, Md.
*1000	The Universal Serum Co.....	First Street and St. Clair Avenue.	East St. Louis, Ill.
*1003	Interstate Vaccine Co.....	58 Greystone Heights; mail, Substation 2, Kansas City, Mo.	Kansas City, Kans.
*1004	Wisconsin Packing Co.....	1009 Town Line Road.....	Wausau, Wis.
*1005	Frank J. Murray Co. (Inc.).....		Chester, N. Y.
*1006	Nathan Cohen.....	Brighton Abattoir.....	Brighton, Mass.
1009	Conron Bros. Co.....	643-645 Brook Avenue.....	New York, N. Y.
1011	The Weideman Co.....	1240 West Ninth Street.....	Cleveland, Ohio.
*1012	Brown Bros.....	534 West Ray Street.....	Indianapolis, Ind.
1013	Capitol Refining Co.....	South Washington, Va.....	Washington, D. C.
*1016	Fidelity Supply Co.....	1838 West Hickory Street.....	Oklahoma, Okla.
1017	National Kosher Wurst Co.....	180 Spruce Street.....	Chelsea, Mass.
*1018	Boise Butcher Co. (Ltd.).....	Near 31st and Madison Streets; mail, 811 Idaho Street.	Boise, Idaho.
1019	Louis Pincus.....	218-220 Callowhill Street.....	Philadelphia, Pa.
1020	Boston Food Products Co..... and R. Marston Co.	16 New Street.....	Boston, Mass.

\* Conducts slaughtering.



## MEAT-INSPECTION ESTABLISHMENTS, BY STATIONS.

(The bureau should be notified promptly of any changes.)

(Parentheses indicate substations.)

Station.	No.	Establishment.	Location.
Albany, N. Y.....	2 YY	Armour & Co.....	59 Morris Street (North Adams, Mass.).
	323	Beech-Nut Packing Co.....	(Canajoharie, N. Y.).
	*160	Lewis Newhoff & Son.....	410 South Pearl Street.
	3 AF	Swift & Co.....	699 Broadway.
		and	
		G. H. Hammond Co.	
	3 AP	Swift & Co.....	159 Ashland Street (North Adams, Mass.).
	325	C. A. Van Deusen Co.....	15 North Seventh Street (Hudson, N. Y.).
Albany, Oreg.....	*717	D. E. Nebergall Meat Co.....	
(Substation of Portland, Oreg.).			
Albert Lea, Minn.....	*20	Wilson & Co.....	
		and	
		Albert Lea Packing Co. (Inc.).	
	20	do.....	(Faribault, Minn.)
Allentown, Pa.....	*289	Arbogast & Bastian Co.....	1-19 Hamilton Street.
	854	M. E. Sampson.....	149 Nesquehoning Streets (Easton, Pa.).
	989	Henry S. Schafer.....	Coal and Belmont Street (Easton, Pa.).
	452	Joseph R. Shimer Co.....	16 First Street (Phillipsburg, N. J.).
Alexandria, Va.....	2 AB	Armour & Co.....	Cameron and Henry Streets.
(Substation of Washington, D. C.)			
Alton, Ill.....	*331	Luer Bros. Packing & Ice Co....	701-719 East Broadway.
		and	
		Luer Bros. Packing Co.	
	331 A	Luer Bros. Packing & Ice Co....	301-303 East Broadway.
Arabi, La.....	*362	Arabi Packing Co. (Inc.).....	
(Substation of New Orleans, La.)			
Arkansas City, Kans.....	*246	Henneberry & Co.....	South Summit Street.
Ashland, Ky.....	890	L. & A. Yungkau.....	
(Substation of Cincinnati, Ohio.)			
Auburn, Me.....	*303	E. W. Penley.....	37 Knight Street.
Auburn, Mass.....	555 F	Worcester Rendering Co.....	
(Substation of Worcester, Mass.)			

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Augusta, Ga.....	2 U	Armour & Co.....	916 Walker Street.
	*88	Butchers' Abattoir.	(North Augusta, Ga.); mail, P. O. box 506, Augusta, Ga.
	*124	Carolina Packing Co. of South Carolina.	(Orangeburg, S. C.)
	19 L	The Cudahy Packing Co.....	516 West Harris Street (Sa- vannah, Ga.).
	3 J	Swift & Co..... and	918 Walker Street.
		The G. H. Hammond Co.	
	3 JJ	Swift & Co.....	309 West Broad Street (Sa- vannah, Ga.).
Austin, Minn.....	*199	George A. Hormel & Co..... and	
		American Provisions Export Co.	
Austin, Tex.....	556	Walker Properties Association...	502 West Third Street; mail, 301 West Fourth Street.
(Substation of Fort Worth, Tex.)			
Baltimore, Md.....	2 W	Armour & Co.....	Eutaw and Pratt Streets.
	320	Baltimore Butterine Co.....	20-24 Wilkens Street.
	999	H. L. Caplan & Co.....	23 South High Street.
	212	Consolidated Beef & Provision Co.	104 South Exeter Street.
	*249	Corkran, Hill & Co.....	Union Stock Yards.
	409	J. H. Filbert (Inc.).....	804-806 Calverton Road.
	*389	John A. Gebelein.....	731 North Castle Street.
	253	The George Co. (Inc.).....	404 South Charles Street.
	*247	Greenwald Packing Co.....	Union Stock Yards.
	110	The High Grade Shortening Co..	2600 block, Hafer Street.
	*350	C. Hohman & Sons.....	2038 East Monument Street.
	*377 A	Jones & Lamb Co.....	Seventh and Lombard Streets.
	*902	Kaufman Packing Co. (Inc.)....	Union Stock Yards.
	12 D	Kingan Provision Co..... and	350-352 North Holliday Street.
		P. T. George & Co.	
		Kingan & Co.	
	*364	C. G. Kriel..... and	7-21 West Henrietta Street.
		Charles G. Kriel.	
	787	Kuhlemann Co.....	2961 Frederick Road.
	1 D	Morris & Co.....	Pratt and Howard Streets.
	334	Ottenheimer Bros.....	2308-2310 Frederick Avenue.
	*649	The William Schludenberg-T. J. Kurdle Co. and	Baltimore Street, Fifth to Seventh.
		The William Schludenberg & Son Co.	
	392	The Jacob C. Shafer Co.....	516-520 West Lexington Street.
	3 H	Swift & Co.....	300 South Eutaw Street.

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Baltimore, Md. (contd.).....	3 AD	Swift & Co.....	Pratt and Howard Streets.
	*196 B	Wilson & Co..... and Empire Provision & Produce Co. Wilson-Martin Co.	Union Stock Yards; mail, Claremont Street.
Bayonne, N. J..... (Substation of Jersey City, N. J.)	1 H	Morris & Co.....	10 North Street.
Beaumont, Tex..... (Substation of Houston, Tex.)	2 AM 3 DD	Armour & Co..... Swift & Co.....	1065 Laurel Avenue. Crocker Street and Jefferson Avenue.
Benning, D. C..... (Substation of Washing- ton, D. C.)	*522 328	Washington Abattoir Co..... A. Löffler Provision Co. (Inc.).. and A. Löffler Sausage and Provi- sion Co.	
Billings, Mont.....	*273	Yellowstone Packing Co.....	Montana Avenue and Fif- teenth Street; mail, P. O. box 1322.
Binghamton, N. Y..... (Substation of Buffalo, N. Y.)	2 WW 695 20 V	Armour & Co..... Cream Dove Mfg. Co..... Wilson & Co.....	7 Lewis Street. 11-15 Alice Street. 94-96 Lewis Street.
Birmingham, Ala.....	*35	Birmingham Packing Co.....	Twenty-third Avenue and Twenty-fourth Street; mail, 2105 Morris Avenue.
Boise, Idaho.....	*1018 34	Boise Butcher Co. (Ltd.)..... Boise Valley Packing Co.....	(Eagle, Idaho.)
Boonton, N. J..... (Substation of Paterson, N. J.)	425	E. A. Stevenson & Co. (Inc.)...	Division Street; mail, 44 Whitehall Street, New York, N. Y.
Boston, Mass.....	11 A	Allied Packers (Inc.)..... and Bachelder & Snyder Co.	47-63 Blackstone Street.
	11 B	.....do.....	Constitution Wharf, 409 Commercial Street.
	2 MM	Armour & Co.....	109 Berkeley Street.
	482	Charles A. Baldwin & Co.....	109-111 North Street.
	907	Chas. A. Bohn Co.....	23-25 North Street.
	1020	Boston Food Products Co..... and R. Marston Co.	16 New Street.
	416	Boston Fresh Tripe Co.....	(Brighton, Mass.)
	*132 F	Brighton Dressed Meat Co..... and Lebanon Kosher Wurst Co.	Brighton Abattoir (Brighton, Mass.).
	879	Chamberlain & Co. (Inc.).....	113-115 Clinton Street; mail, 24 South Market Street.
	879 A	.....do.....	33-35 John Street; mail, 24 South Market Street.
	879 B	.....do.....	24 Clinton Street; mail, 24 South Market Street.
	879 C	.....do.....	41 Richmond Street; mail, 24 South Market Street.

\* Conducts slaughtering.



*Meat-inspection establishments, by stations—Continued.*

Station	No.	Establishment.	Location.
Boston, Mass. (continued)...	879 D	Chamberlain & Co. (Inc.).....	16-18 Clinton Street; mail, 24 South Market Street.
	879 E	.....do.....	88-92 South Market Street; mail, 24 South Market Street.
	879 F	.....do.....	21 T Wharf; mail, 24 South Market Street.
	*1006	Nathan Cohen .....	Brighton Abattoir (Brighton, Mass.).
	19 A	The Cudahy Packing Co.....	1 Blackstone Street.
	19 T	.....do.....	78-82 Midway Street.
	356	Deerfoot Farm Co.....	(Southboro, Mass.)
	42 A	Jacob Dold Packing Co.....	79 South Market Street.
	929	Arthur E. Dorr & Co. (Inc.).....	2 North Street.
	445	Eastern Food Products Cor- poration.	South Street (Waltham, Mass.).
	307	Furbush & Co. (Inc.).....	539 Rutherford Avenue, Charlestown District; mail, 92 State Street.
	*132 E	Moses Goldberg.....	(Brighton, Mass.)
	419 B	The Great Atlantic & Pacific Tea Co.	1-24 Fitchburg Street, (Somerville, Mass.).
	555 G	Hinckley Rendering Co.....	Melrose Street (Somerville, Mass.).
	220	N. E. Hollis Co.....	51 North Market Street.
	871	Thomas J. Kelly & Co.....	15 Brighton Abattoir.
	329	Kent Brothers.....	169 Blackstone Street.
	22 C	Libby, McNeill & Libby.....	(Cambridge, Mass.)
	157	Michael Lux.....	(Woburn, Mass.)
	311	N. Maggioli Co. (Inc.).....	120-122 North Street.
	604	The George E. Marsh Co.....	391 Chestnut Street (Lynn, Mass.).
	*132 A	M. Mindick.....	(Brighton, Mass.)
	752	Mohawk Packing Co.....	82 North Street.
	17 B	John Morrell & Co.....	75 Commercial Street.
	1 E	Morris & Co.....	105 North Street.
	1017	National Kosher Wurst Co.....	180 Spruce Street (Chelsea, Mass.).
	*184	New England Dressed Meat & Wool Co.	82 Medford Street (Somer- ville, Mass.).
	412	New England Rendering Co.....	Market Street (Brighton, Mass.).
	412 A	.....do.....	(Brighton, Mass.)
	*27	North Packing & Provision Co.. and	37 Medford Street (Somer- ville, Mass.).
		J. P. Squire & Co.....	165 Gore Street (Cambridge, Mass.).
		Boston Packing & Provision Co.	(Brighton, Mass.)
	*920	I. Paresky.....	(Brighton, Mass.)
	607	Paiva & Silva.....	156 Fifth Street (Cambridge, Mass.).
	621	Abram Re.....	32 Fulton Street.
	179	Savannah Food Products Co. (Inc.).	129 Everett Avenue (Chel- sea, Mass.).
	312	John A. Schultz.....	345 Main Street (Cambridge, Mass.).

Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment	Location.
Boston, Mass. (continued)....	*128	Sturtevant & Haley Beef & Supply Co.	(Somerville, Mass.)
	3 AM	Swift & Co.....	37 Medford Street (Somerville, Mass.).
	3 AR	Swift & Co..... and The G. H. Hammond Co.	188 Gore Street (Cambridge, Mass.).
	318	William Underwood Co.....	52 Fulton Street.
	916	Frank M. Wattendorf & Co.....	44½ Merchants Row.
	541	Carl A. Weitz.....	67 South Street (Somerville, Mass.).
	860	T. H. Wheeler Co.....	409 Commercial Street.
	*132 D	J. & D. M. White.....	(Brighton, Mass.)
	766	Wilson & Co.....	19 Commercial Street.
	20 B	Wilson & Co..... and John Reardon & Sons Co. T. M. Sinclair & Co. (Ltd.).	Waverly and Talbot Streets (Cambridge, Mass.).
Bradford, Pa. ....	1 V	Morris & Co.....	47-55 Webster Street.
(Substation of Buffalo, N. Y.)	3 AA	Swift & Co.....	85 Elm Streets.
Bridgeport, Conn.....	3 HH	Swift & Co.....	464 Water Street.
Bridgeport, Pa. ....	*504	A. H. March Packing Co.....	139 Front Street.
(Substation of Philadelphia, Pa.)			
Brighton, Mass.....	416	Boston Fresh Tripe Co.....	
(Substation of Boston, Mass.)	*132 F	Brighton Dressed Meat Co..... and Lebanon Kosher Wurst Co.	Brighton Abattoir.
	*1006	Nathan Cohen .....	Do.
	*132 E	Moses Goldberg.....	Do.
	*132 A	M. Mindick.....	Do.
	412	New England Rendering Co.....	Market Street.
	412 A	do.....	
	*920	I. Paresky.....	Brighton Abattoir.
	*132 D	J. & D. M. White.....	Do.
Bristol, Va.....	*68	Virginia Packing Co. (Inc.).....	Commonwealth Avenue.
Brooklyn, N. Y. ....	2 G	Armour & Co..... and Halstead & Co. The New York Butchers' Dressed Meat Co.	96 North Sixth Street.
	2 T	Armour & Co.....	193-199 Fort Green Place; 627-629 Atlantic Avenue.
	*390	A. Aron (Inc.).....	335 Johnson Avenue.
	*125	D. Blumberg & Son.....	Dumont and Christopher Avenues.
	651	Bushwick Pork Packing Co.....	31 Bushwick Avenue.
	*981	Chieffetz & Greenberg.....	264 Hudson Avenue.
	374	Cube-O (Inc.).....	35 Myrtle Avenue.
	341	Jacob Dangler & Son.....	722 Myrtle Avenue.
	42 C	Jacob Dold Packing Co.....	24 Metz Street, Wallabout Market.

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Brooklyn, N. Y. (continued).	238	Eagle Conserves Co.....	3005 Fort Hamilton Park- way.
	317	Adolf Gobel (Inc.).....	Morgan Avenue and Rock Street.
	*51	Gotham Packing Co. (Inc.).....	352 Johnson Avenue.
	420	Chris. Grozinger Co. (Inc.).....	195 Wilson Avenue.
	538	Chas. Hutwelker.....	14-22 Hall Street.
	973	Hygrade Provision Co. (Inc.)....	131-133 South Eighth Street; mail, 146-154 Broadway.
	333	International Provision Co.....	33 Degraw Street.
	*540	C. Lehman Packing Co. (Inc.)..	321 Johnson Avenue.
	*388	Aaron Levy & Co.....	262 Hudson Avenue.
	*645	E. & A. Levy.....	218-226 North Ninth Street.
	43	Philip B. Newmark.....	1202-1203 Metz Street, Wall. about Market.
	*139	Abraham Plaut.....	307-319 Johnson Avenue.
	*E55	Hugo Strauss Packing Co. (Inc.)	280-286 Johnson Avenue; mail, 305 Broadway, New York, N. Y.
	*821	Strauss, Schick & Strauss.....	300 Johnson Avenue.
	3 PP	Swift & Co.....	100-102 North Sixth Street.
	59 A	Swift & Co..... and The G. H. Hammond Co. Wallabout Market Packing Co.	East and Flushing Avenues.
	446	Max Trunz.....	23-29 Lombardy Street.
	*988	Weill & Isaacs.....	244 Hudson Avenue.
Buffalo, N. Y.....	*258	Allied Packers (Inc.)..... and Klinck Packing Co. Parker-Webb Co.	37 Depot Street.
	2 GG	Armour & Co.....	508 State Street (Elmira, N. Y.).
	2 NN	.....do.....	424-426 Union Street (Olean, N. Y.).
	2 WW	.....do.....	7 Lewis Street (Bingham- ton, N. Y.).
	695	Cream Dove Manufacturing Co..	11-15 Alice Street (Bingham- ton, N. Y.).
	472	Curtice Bros. Co.....	20 Curtice Street (Rochester, N. Y.).
	*383	The Danahy Packing Co.....	Metcalf and Clinton Streets.
	*42	Jacob Dold Packing Co..... and American Provisions Export Co.	745 Williams Street.
	232	Kellogg Products (Inc.).....	1317 Elk Street.
	1 V	Morris & Co.....	47-55 Webster Street (Brad- ford, Pa.).
	*190	New England Dressed Meat & Wool Co.	725 Howard Street.

\* Conducts slaughtering.



*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Buffalo, N. Y. (continued)...	384	Nut Grove Butter Co.....	106 Noxon Street (Syracuse); mail, P. O. box 457, Providence, R. I.
	*276	Sahlen Packing Co.....	318 Howard Street.
	3 P	Swift & Co.....	612-620 Railroad Avenue (Elmira, N. Y.).
	3 AA	.....do.....	85 Elm Street (Bradford, Pa.).
	516	Swift & Co., Successors G. H. Hammond Co., Corning, N. Y. and The G. H. Hammond Co., U. S. A.	22-24 East Tioga Avenue (Corning, N. Y.).
	20 V	Wilson & Co.....	94-96 Lewis Street (Bing- hamton, N. Y.).
Burlington, Vt.....	*555	Burlington Rendering Co.....	North Avenue.
	*159	John Miner.....	(Hyde Park, Vt.)
Butte, Mont.....	*352	Hansen Packing Co.....	P. O. box 1414.
Cairo, Ill.....	*342	E. Bucher Packing Co.....	Thirty-eighth Street and Commercial Avenue.
Cambridge, Mass.....	22 C	Libby, McNeill & Libby.....	
(Substation of Boston, Mass.)	607	Piava & Silva.....	156 Fifth Street.
	312	John A. Schultz.....	345 Main Street.
	*27	J. P. Squire & Co..... and Boston Packing & Provision Co.	165 Gore Street.
	3 AR	Swift & Co..... and The G. H. Hammond Co.	188 Gore Street.
	20 B	Wilson & Co..... and John Reardon & Sons Co. T. M. Sinclair & Co. (Ltd.).	Waverly and Talbot Streets.
Camden, N. J.....	262	Joseph Campbell Co..... and Franco-American Food Co.	32 North Front Street.
(Substation of Philadel- phia, Pa.)	113	P. D. Hughes.....	
Canajoharie, N. Y.....	323	Beech-Nut Packing Co.....	Beechnut Street.
(Substation of Albany, N. Y.)			
Cedar Rapids, Iowa.....	*111	T. M. Sinclair & Co. (Ltd.).....	
Chattanooga, Tenn.....	*826	J. H. Allison & Co.....	Middle Street.
	2 FF	Armour & Co.....	126-128 Cowart Street.
	19 BB	The Cudahy Packing Co.....	208-210 Fort Street.
	3 AL	Swift & Co.....	1001-1003 Chestnut Street.
	20 G	Wilson & Co.....	1201-1203 Fort Street.
	20 Z	Wilson & Co..... and Wilson & Co. (Inc.) Wilson & Co. (Inc.) of Tennessee.	Alton Park Station.
Chelsea, Mass.....	1017	National Kosher Wurst Co.....	100 Spruce Street.
	179	Savannah Food Products Co. (Inc.).	129 Everett Avenue.
(Substation of Boston, Mass.)			

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Chester, N. Y.....	*1005	Frank J. Murray Co. (Inc.).....	
(Substation of Paterson, N. J.)			
Chicago, Ill.....	*282	Agar Packing Co. (Inc.).....	4057 Union Avenue.
	*235	Allied Packers (Inc.) and Parker-Webb Co. Western Packing & Prov. Co.	3854 S. Morgan Street; mail, 621 Postal Telegraph Build- ing.
	*2 A	Armour & Co..... and The Anglo-American Provision Co. The Colorado Packing & Pro- vision Co. Fowler Packing Co. Friedman Manufacturing Co. German American Provision Co. (Chicago, Ill.). Halstead & Co. Hammond Packing Co. The New York Butchers' Dressed Meat Co. The North American Provision Co. Prairie State Packing Co. James Wright & Co.	Union Stock Yards.
	533	Arnold Bros.....	660-664 W. Randolph Street.
	10	Baker Food Products Co..... and Baker Packing Co.	4856-64 South Halsted Street.
	310	Anthony Batek.....	2029-2035 Grenshaw Street.
	530	J. R. Beiersdorf & Bro.....	962-964 Thirty-eighth Place.
	209	David Berg & Co..... and Sinai Kosher Sausage Factory. Liberty Sausage Co.	449-459 West Thirty-seventh Street.
	709	I. Blum.....	942-944 Fulton Street.
	702	F. Blumenhagen.....	1533 Augusta Street.
	*36	Boyd, Lunham & Co..... and American Provisions Export Co.	Forty-fifth Street and Pack- ers Avenue.
	*147	Brennan Packing Co.....	3916 Normal Avenue.
	*848	C. A. Burnette Co.....	827-839 West Twenty-second Street.
	5	Central Food Products Co..... and Eney Shortening Co.	2251 South Halsted Street.
	*401	Chicago Packing Co..... and Fuhrmand & Foster.	4531-4539 Gross Avenue.
	891	Citti Bros.....	311 West Illinois Street.
	449	The College Inn Food Products Co.	125 West Lake Street.
	83	John Cook & Sons (Inc.).....	2222-2228 South La Salle Street; office, 110 South Dearborn Street.
	19 Z	The Cudahy Packing Co.....	9101 Baltimore Avenue.

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Chicago, Ill. (continued).....	*888	The William Davies Co..... and John Agar Co.	4101 South Union Avenue.
	857	Downey Farrell Co..... and James T. Downey Co.	509 North Union Avenue.
	183	Foell Supply Co.....	321 Twenty-second Place.
	6 E	Friedman Manufacturing Co....	Transit and Packers Avenue.
	410	George W. Gill & Co.....	4107 South La Salle Street.
	429	The Glidden Nut Butter Co....	2654-2670 Elston Avenue.
	*770	Guggenheim Bros.....	Forty-sixth Place and Pack- ers Avenue.
	531	Hately Brothers Co.....	Thirty-seventh and Iron Streets; mail, 141 West Jackson Boulevard.
	314	C. Hollenbach.....	2653 Ogden Avenue.
	543	G. Hollenbach & Son.....	1100 West Marquette Road.
	*564	Illinois Meat Co.....	Fortieth and Wallace Streets.
	*521	Illinois Packing Co.....	911-993 West Thirty-seventh Place.
	*64 A	Independent Packing Co.....	Forty-first and Halsted Streets.
	106	Italian Sausage Works.....	442 West Chicago Avenue.
	413	John F. Jelke Co..... and George P. Braun Co.	2650 West Polk Street.
	662	Kosher Star Sausage Manufac- turing Co.	1010 Maxwell Street.
	*90	David Levi & Co.....	Thirty-ninth Street and Emerald Avenue.
	22	Libby, McNeill & Libby..... and Emery Food Co. Foster Packing Co.	Union Stock Yards.
	*217	Lincoln Meat Co.....	3806 S. Halsted Street.
	751	Frank Loeffler.....	3729 South Halsted Street.
	855	Harry Manaster & Bro.....	1018-1030 West Thirty-sev- enth Street.
	537	Oscar Mayer & Co..... and Oscar F. Mayer & Bro.	1241-1263 Sedgwick Street.
	407	Mickelberry's Food Products Co.	801-811 West Forty-ninth Place.
	*260	Miller & Hart..... and American Provisions Export Co.	Forty-sixth Street and Pack- ers Avenue.
	*1	Morris & Co..... and Fairbank Canning Co. Liebig's Extract of Beef Co.	Union Stock Yards.
	406	William J. Moxley.....	541-555 W. Randolph Street.

\* Conducts slaughtering.



*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Chicago, Ill. (continued).....	968	B. S. Pearsall Butter Co..... and B. S. Pearsall B. Co.....	55 North State Street (Elgin, Ill.).
	*898	Peerless Packing Co.....	3940 Normal Avenue.
	*94	Louis Pfaelzer & Sons.....	3927-3943 S. Halsted Street.
	268	The E. K. Pond Packing Co.... and H. C. Derby Co. E. K. Pond Company.	515-531 West Twenty-fourth Place.
	181	Purity Packing Co.....	1318-1322 West Twenty-first Street.
	400	The Reber Preserving Co.....	(Eola, Ill.)
	*169	Roberts & Oake..... and American Provisions Export Co.	Forty-fifth Street and Racine Avenue.
	*807	Charles F. Sabine.....	2702 Twenty-seventh Street (Zion City, Ill.).
	370	Sidney Siegel.....	1141-1145 West Forty-seventh Street.
	48	Sinai Kosher Sausage Factory... and Levin's Kosher Sausage Factory.	3351 South Halsted Street.
	324	M. D. Singer & Co. (Inc.).....	3451 Giles Avenue.
	804	Sotir & Sorich Co.....	3831 South Halsted Street.
	935	Sterling Packing Co.....	3114-3116 Shields Avenue.
	225	Strauss-Kohn Co.....	742-744 West Forty-fifth Street.
	*3	Swift & Co..... and The G. H. Hammond Co. Omaha Packing Co. Plankinton Packing Co. Swift & Co., successors St. Louis Dressed Beef & Provision Co. Western Packing Co.	Union Stock Yards.
	*6 A	.....do.....	Do.
	*6 B	.....do.....	2330 South Halsted Street.
	402	Troco Nut Butter Co.....	3702-3712 Iron Street.
	87	Ed. S. Vail Butterine Co.....	4534 Gross Avenue; mail, 208 South La Salle Street.
	251	Vette & Zuncker Packing Co.... and Vette & Zuncker. Vette & Zuncker Canning De- partment.	216-220 North Green Street.
	496	Vienna Sausage Manufacturing Co. (Inc.) and Wilno Sausage Co.	1215 South Halsted Street.
	*235	Allied Packers (Inc.) and Parker-Webb Co. Western Packing & Provision Co.	3854 Morgan Street; mail, 621 Postal Telegraph Building.

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Chicago, Ill. (continued) .....	85	White City Cold Storage Co. ....	39th Street near Robey; mail, 630 Postal Telegraph Building.
	*20	C Wilson & Co. .... and Albert Lea Packing Co. (Inc.). Empire Provision & Produce Co. Mississippi Packing Co. Morton-Gregson Co. Pacific Coast Beef & Provision Co. T. M. Sinclair & Co. (Ltd.). Sulzberger & Sons Co. The Wilson Laboratories. Wilson-Martin Co.	4100 South Ashland Avenue.
	*791	Wimp Packing Co. ....	1119-1127 West 47th Place.
	892	Zion Institutions and Industries.	2712 Elisha Avenue (Zion City, Ill.).
Chicopee, Mass. .... (Substation of Springfield, Mass.)	*555	D Springfield Rendering Co. ....	
Chipley, Fla. ....	*877	Chipley Packing Co. ....	
Cincinnati, Ohio. ....	*638	John H. Bare. ....	Rachel Street & Henshaw Avenue.
	*678	Jacob Bauer's Sons. ....	2870 Massachusetts Avenue.
	*165	Becker Bros. Co. ....	942 Monmouth Street (New- port, K.).
	*65	The Cincinnati Abattoir Co. .... and The John C. Roth Packing Co.	3241 Spring Grove Avenue.
	*590	G. Erhardt Sons. ....	1010 Gest Street. 545 Poplar Street.
	*368	Charles A. Freund. ....	1215 West Liberty Street.
	*735	S. W. Gall. ....	2119-2125 Freeman Avenue.
	*719	John F. Stegner. ....	3100 Colerain Avenue.
	*741	Ehrhardt Haehele. ....	1817 John Street.
	*375	John Hilberg & Sons. ....	516 Poplar Street.
	*294	The John Hoffmann's Sons Co..	2148 Colerain Avenue.
	*397	The Ideal Packing Co. .... and The John Hoffmann Packing Co.	2141 Baumiller Street.
	*298	Gustav Juengling. ....	2869 Massachusetts Avenue.
	*89	The E. Kahn's Sons Co. ....	519 Livingston Street.
	*98	A. Koch's Sons. ....	Corner Sidney Avenue and Township Street.
	*296	The Kroger Grocery & Baking Co.	Bank Street and Winchell Avenue.
	*395	The A. Lowenstein's Sons Co. ....	John and Livingston Streets.
	*721	The Lohrey Packing Co. ....	2827-2829 Massachusetts Ave- nue
	447	Maescher & Co. ....	1754 Central Avenue.
	*290	The H. H. Meyer Packing Co. ....	Central Avenue and Linn Street.
	*642	Henry Meyer's Sons. ....	2855 Sidney Avenue.

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Cincinnati, Ohio (continued)	886	The Miami Butterine Co.....	107 East Pearl Street.
	567	The Ohio Butterine Co.....	50 Walnut Street.
	57	I. Oscherwitz & Sons.....	569-571 West Sixth Street.
	57 A	do.....	1815 John Street.
	*84	Chas. Pancero.....	2871 Massachusetts Avenue.
	*73	Howard Pancero.....	2011 Branch Street.
	*747	People's Packing House Co....	256-258 Stark Street.
	*96	W. G. Rehn's Sons.....	454 Bank Street.
	*288	The A. Sander Packing Co.....	1024 Gest Street.
	*739	Jacob Schlachter's Sons.....	3831 Colerain Avenue.
	*142	The J. & F. Schroth Packing Co.	Cormany Avenue and Town- ship Street.
	*3 A J	Swift & Co.....	Front and Walnut Streets.
	*266	Jacob Vogel & Son.....	2604 Colerain Avenue.
	704	Weinshtein & Goldstein.....	21 Mercer Street.
	890	L. & A. Yungkau.....	(Ashland, Ky.).
Circleville, Ohio .....	765	John Groce & Son .....	
(Substation of Columbus, Ohio.)			
Clarkston, Wash.....	*828 A	W. H. Bristol.....	Mail, Lewiston, Idaho.
(Substation of Lewiston, Idaho.)	*25	Inland Meat Co. (Ltd.).....	Bridge Street.
Cleveland, Ohio .....	*523	The Blumenstock & Reid Co....	3261 West Sixty-fifth Street.
	*37	The Cleveland Provision Co....	2527 Canal Road.
		and American Provisions Export Co.	
	*37 A	The Cleveland Provision Co....	3378 West Sixty-fifth Street.
	861	The William Edwards Co.....	1300 West Ninth Street.
	*131	The Federal Packing Co.....	3200 West Sixty-fifth Street; mail, Room 27 Exchange Building, Union Stock Yards.
	344	The Ko Ko Mar Co.....	West Forty-seventh Street and Train Avenue.
	*577	The Lake Erie Provision Co....	3112 West Sixty-third Street.
	*515	The Ohio Provision Co.....	Clark Avenue and Big Four Railway.
	*241	Swift & Co.....	3237 West Sixty-fifth Street.
		and The G. H. Hammond Co. Omaha Packing Co. People's Packing Co. Plankinton Packing Co. Swift & Co., successors St. Louis Dressed Beef & Provision Co. Western Packing Co.	
	*234	The Theurer-Norton Provision Co.	3136 West Sixty-third Street.
	1011	The Weideman Co.....	1240 West Ninth Street.
Coatesville, Pa .....	*79	Beiswanger Packing Co.....	139 Chestnut Street.
(Substation of Phila- delphia, Pa.)			

\* Conducts slaughtering.



*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Columbus, Ohio.....	623	The Capital City Products Co... and Capital City Dairy Co.	West First Avenue.
	*586	The Columbus Packing Co.....	South High Street and Hocking Valley Railway.
	765	John Groce & Son.....	(Circleville, Ohio.)
Corning, N. Y.....	516	Swift & Co., successors G. H. Hammond Co., Corning, N. Y., and The G. H. Hammond Co., U.S.A.	22-24 East Tioga Avenue.
Cudahy, Wis.....	*28	Cudahy Bros. Co.....	
(Substation of Milwau- kee, Wis.)			
Cumberland, Md.....	3	X Swift & Co.....	16-20 Williams Street.
Dallas, Tex.....	*562	Armstrong Packing Co..... and Armstrong Refining Co. Armstrong—Dallas.	Alma and South Lamar Streets.
(Substation of Fort Worth, Tex.)			
	*315	Thrift Packing Co.....	600 South Pacific Avenue.
		and Chili Products Co. J. Delgado Manufacturing Co.	
Danbury, Conn.....	381	Keystone Instant Food Co. (Inc.).	Triangle Street.
(Substation of New York, N. Y.)			
Davenport, Iowa.....	*114	Kohrs Packing Co.....	1337 West Second Street.
Dayton, Ohio.....	*520	The Henry Burkhardt Packing Co.	235 South Irwin Street.
	*685	The William Focke's Sons Co....	East Springfield Pike.
	*689	The Charles Sucher Packing Co.	North Western Avenue.
Denver, Colo.....	*2	AU Armour & Co..... and The Anglo-American Provision Co. The Colorado Packing & Pro- vision Co. Fowler Packing Co. Halstead & Co. Hammond Packing Co.	Stock Yards Station.
	873	The Stokes Canning Co.....	194 West Dakota Street.
Denver, Colo. (continued)....	*6	K Swift & Co..... and The G. H. Hammond Co. Omaha Packing Co. Plankinton Packing Co. Swift & Co., successors St. Louis Dressed Beef & Provision Co. Western Packing Co.	Stock Yards Station.
Des Moines, Iowa.....	*104	Iowa Packing Co..... and American Provisions Export Co. Fuller Packing Co.	S. E. Eighteenth and Maury Streets; mail, P. O. box 1476.

\* Conducts slaughtering.

*Meat inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Detroit, Mich.....	*250	Allied Packers (Inc.)..... and Parker-Webb Co.	Michigan Avenue and Twen- tieth Street.
	*173	Hammond, Standish & Co..... and American Provisions Export Co.	2101 Twentieth Street.
	*378 A	Nagle Packing Co.....	6900 Dix Avenue.
	*724	Newton Packing Co.....	1041-1083 Fourteenth Street.
	*580	Sullivan Packing Co..... and American Provisions Export Co.	2790 Beecher Avenue.
Dobbs Ferry, N. Y..... (Substation of New York, N. Y.)	365	Palmine Co. (Inc.).....	Palisade Avenue; mail, 90 West Street, New York, N. Y.
Dover, Del..... (Substation of Philadel- phia, Pa.)	427	Richardson & Robbins Co.....	
Dover, N. J..... (Substation of Newark, N. J.)	3 NN	Swift & Co.....	
Dubuque, Iowa.....	*684	Corn Belt Packing Co.....	Thirtieth and Jackson Streets.
	*396	Dubuque Packing Co.....	Sixteenth and Sycamore Streets.
	434	La Vencedora Co.....	414 Central Avenue.
Duluth, Minn.....	2 JJ	Armour & Co.....	20-24 West Michigan Street.
	*274	Elliott & Co.....	Thirty-seventh Avenue West
Eagle, Idaho..... (Substation of Boise, Idaho.)	*34	Boise Valley Packing Co.....	
East Deering, Me..... (Substation of Portland, Me.)	555 C	Portland Rendering Co.....	147 Presumpscot Street.
East Liverpool, Ohio..... (Substation of Pittsburgh, Pa.)	2 Y	Armour & Co.....	
Easton, Pa.....	854	M. E. Sampson.....	149 Nesquehoning Street.
(Substation of Allen- town, Pa.)	989	Henry S. Schafer.....	Coal and Belmont Streets.
East St. Louis, Ill..... (Substation of National Stock Yards, Ill.)	*650	East Side Packing Co.....	Second Street and Lynch Avenue.
	*1000	The Universal Serum Co.....	First Street and St. Clair Avenue.
Eau Claire, Wis.....	*177	Drummond Packing Co.....	
Elgin, Ill..... (Substation of Chicago, Ill.)	968	B. S. Pearsall Butter Co..... and B. S. Pearsall B. Co.	55 North State Street.
Elmira, N. Y.....	2 GG	Armour & Co.....	508 State Street.
(Substation of Buffalo, N. Y.)	3 P	Swift & Co.....	612-20 Railroad Avenue.
El Paso, Tex.....	2 KK	Armour & Co.....	First and Florence Streets.
	1 T	Morris & Co.....	210 North Virginia Street

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
El Paso, Tex. (continued)....	*126	Peyton Packing Co.....	Cotton Addition; mail, P. O. box 106.
	3 M	Swift & Co.....	217-219 South Kansas Street.
	20 U	Wilson & Co.....	214 North Virginia Street.
Eola, Ill.....	400	The Reber Preserving Co.....	
(Substation of Chicago, Ill.)			
Erie, Pa.....	2 AO	Armour & Co.....	Sassafras and Fourteenth Streets.
	*286	Schaffner Brothers Co.....	Fifteenth between Ash and Wayne Streets.
Evansville, Ind.....	*293	The Evansville Packing Co.....	Morgan Avenue and Harriet Street.
Evansville, Wis.....	175	The D. E. Wood Butter Co.....	
(Substation of Milwaukee, Wis.)			
Fall River, Mass.....	2 XX	Armour & Co.....	34 Plymouth Avenue.
(Substation of Providence, R. I.)	555 A	Butchers' Rendering Co.....	Birch Street.
	984	Caetano Moniz Furtado.....	544 Underwood Street.
	19 D	The Cudahy Packing Co.....	17 N Street N. W.
Faribault, Minn.....	20 F	Wilson & Co.....	
(Substation of Albert Lea, Minn.)		and Albert Lea Packing Co. (Inc.).	
Fergus Falls, Minn.....	*518	Fergus Cooperative Packing Co.	
Fitchburg, Mass.....	2 AK	Armour & Co.....	35 Cushing Street.
(Substation of Worcester, Mass.)			
Fort Atkinson, Wis.....	*263	The Jones Dairy Farm.....	
(Substation of Milwaukee, Wis.)			
Fort Smith, Ark.....	284	Armour & Co.....	17-21 South Fourth Street.
	3 T	Swift & Co.....	14-16 South Fifth Street.
Fort Wayne, Ind.....	*507	Fred Eckart Packing Co.....	1825 West Main Street.
Fort Worth, Tex.....	*2 F	Armour & Co.....	
		and The Anglo-American Provision Co. The Colorado Packing & Pro- vision Co. Fowler Packing Co. Halstead & Co. Hammond Packing Co. The New York Butchers' Dressed Meat Co. Prairie State Packing Co. James Wright & Co.	
	*562	Armstrong Packing Co.....	Alma and South Lamar Streets (Dallas, Tex.).
		and Armstrong Refining Co. Armstrong—Dallas.	
	793	Gebhardt Chili Powder Co.....	Parral and Medio Streets (San Antonio, Tex.).
		and San Antonio Packing Co.	

\* Conducts slaughtering.



*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Fort Worth, Tex. (contd.)...	22 A	Libby, McNeill & Libby..... and Emery Food Co. Foster Packing Co.	Stock Yards Station.
	*3 F	Swift & Co..... and The G. H. Hammond Co. Omaha Packing Co. Plankinton Packing Co. Swift & Co., successors St. Louis Dressed Beef & Provision Co. Western Packing Co.	Do.
	315	Thrift Packing Co..... and Chili Products Co. J. Delgado Manufacturing Co.	600 S. Pacific Avenue (Dal- las, Tex.).
	556	Walker Properties Association..	502 W. Third Street; mail, 301 W. Fourth Street (Austin, Tex.).
Frederick, Md.....	*838	J. A. Whitfield Co .....	Mail, 624 Pennsylvania Ave- nue, Washington, D. C.
Grand Forks, N. Dak.....	*969	The Northern Packing Co.....	
Green Bay, Wis.....	75	Acme Packing Co..... and Chicago Beef Co. Indian Packing Co. Indian Packing Corporation. Martin-Pemberton Co. Greeneville Packing Co.....	
Greeneville, Tenn..... (Substation of Morris- town, Tenn.)	*164		
Grenada, Miss.....	*911	Cotton States Serum Co.....	Franklin and Jefferson Streets.
Gretna, La..... (Substation of New Or- leans, La.)	302	The American Cotton Oil Co. and The N. K. Fairbank Co.	Mail, P. O. box 900. Office, 65 Broadway, New York, N. Y.
Guttenberg, N. J..... (Substation of New York, N. Y.)	319	The American Cotton Oil Co.... and The N. K. Fairbank Co. The W. J. Wilcox Lard & Refin- ing Co. The W. J. Wilcox L. & R. Co. W. J. Wilcox & Co.	Office, 65 Broadway, New York, N. Y.
Hackensack, N. J..... (Substation of Paterson, N. J.)	345	Pure Food Specialty Corpora- tion.	291 Railroad Avenue.
Hallstead, Pa.....	*144	The Williams Live Stock Co.	
Harrisburg, Pa.....	750	Brooks Bologne Co.....	155 North Tenth Street (Leb- anon, Pa.).
	982	Buck & Co. (Inc.).....	(Lebanon, Pa.).
	737	Robert L. Eby.....	Sixth and Oak Streets; mail, 4025 Sixth Street (Leb- anon, Pa.).
	659	The Lebanon Bologna and Pro- vision Co.	Eleventh Avenue and P. & R. Ry. (Lebanon, Pa.).

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Harrisburg, Pa. (contd.).....	474	The Palmyra Bologna Co.....	(Palmyra, Pa.)
	*291	Swift & Co.....	Seventh and North Streets.
		and	
		The Brelsford Packing & Stor- age Co.	
		The G. H. Hammond Co.	
		Omaha Packing Co.	
		Plankinton Packing Co.	
		Swift & Co., successors St. Louis Dressed Beef & Provision Co.	
		Western Packing Co.	
	669	John S. Weaver.....	(Lebanon, Pa.)
Hartford, Conn.....	151	S. D. Chamberlin & Sons.....	179 State Street.
Harvey, La.....	3WW	Swift & Co.....	
(Substation of New Or- leans, La.)		and	
		The G. H. Hammond Co.	
		Omaha Packing Co.	
		Plankinton Packing Co.	
		Swift & Co., successors St. Louis Dressed Beef & Provision Co.	
		Western Packing Co.	
Haverhill, Mass.....	*394	Haverhill Abattoir Co.....	Hilldale Avenue.
	394 A	Edwin H. Moulton Co.....	132 Essex Street.
	426	Pure Food Specialty Co.....	27 Front Street; mail, P. O. box 373 (Lawrence, Mass.).
Helena, Ark.....	1 Q	Morris & Co.....	Elm and Mulberry Streets.
Henderson, Ky.....	*938	Eckert Packing Co.....	1600 Corydon Road; mail, P. O. box 272.
Hoboken, N. J.....	947	Herman Diele.....	91 Jackson Street.
(Substation of Jersey City, N. J.)	63	Max Koschel (Inc.).....	61-65 Paterson Avenue.
	653	M. Strohmeier Bros.....	119 Washington Street.
Houlton, Me.....	*974	Houlton Dressed Meat Co.....	Pleasant Street.
Houston, Tex.....	2 AM	Armour & Co.....	1065 Laurel Avenue (Beau- mont, Tex.).
	*271	Houston Packing Co.....	
	757	Magnolia Provision Co.....	
	3 DD	Swift & Co.....	Crocker Street and Jefferson Avenue (Beaumont, Tex.).
	322	Swift & Co.....	Houston Heights.
Hudson, N. Y.....	325	C. A. Van Deusen Co.....	15 North Seventh Street.
(Substation of Albany, N. Y.)			
Hyde Park, Vt.....	*159	John Miner.....	
(Substation of Burling- ton, Vt.)			
Indianapolis, Ind.....	*2 AP	Armour & Co.....	Ray and Dakota Streets.
		and	
		The Anglo-American Provision Co.	
		The Colorado Packing and Pro- vision Co.	
		Fowler Packing Co.	
		Friedman Manufacturing Co.	

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Indianapolis, Ind.—(contd.).....		German American Provision Co. (Chicago, Ill.). Halsted & Co. Hammond Packing Co. The New York Butchers' Dressed Meat Co. The North American Provision Co. Prairie State Packing Co. Wabash Packing Co. James Wright & Co. ..	
	*1012	Brown Brothers.....	534 West Ray Street.
	573	Columbia Conserve Co.....	
	*178	Indianapolis Abattoir Co..... and American Provisions Export Co.	Morris Street and White River.
	*12	Kingan & Co.....	South Blackford Street.
	*12 A	.....do.....	Union Stock Yards.
	*118	National Single Bled Serum Co. (Inc.).	(Plainfield, Ind.)
	*962	Pitman-Moore Co.....	Mail, 111-117 N. Capitol Avenue, Indianapolis, Ind. (Zionsville, Ind.)
	*912	Swine Breeders Pure Serum Co..	(Thorntown, Ind.)
	955	The Van Camp Packing Co.....	2002 South East Street.
Ironwood, Mich.....	430	Meyer Brothers.....	Corner Lowell and Frederick Streets.
Jacksonville, Fla.....	2 HH	Armour & Co..... and Hammond Packing Co.	310-314 West Bay Street.
	*2 AR	Armour & Co.....	Eighth Street and Talleyrand Avenue.
	*527	Jones-Chambliss Co.....	1055 Forest Street.
	12 J	Kingan & Co.....	Bay and Catherine Streets.
	1 DD	Morris & Co.....	640 West Bay Street.
Jacksonville, Ill.....	*398	Powers-Begg and Co.....	Center and Johnson Streets.
Jefferson, Wis.....	*597	C. Stoppenbach's Sons.....	River Street.
(Substation of Milwaukee, Wis.)	977	Wisconsin Food Products Co....	1011 Center Street.
Jersey City, N. J.....	2 II	Armour & Co.....	408-414 Henderson Street.
	78	Armour & Co..... and The Anglo-American Provision Co. The Colorado Packing & Provision Co. Fowler Packing Co. Halstead & Co. Hammond Packing Co. The New York Butchers' Dressed Meat Co. Prairie State Packing Co.	324 Seventeenth Street.

\* Conducts slaughtering.



*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Jersey City, N. J. (continued).	947	James Wright & Co. Herman Diele.....	91 Jackson Street (Hoboken N. J.).
	526	George Egner.....	67 Central Avenue.
	*16	The Jersey City Stock Yards Co.	Foot of Sixth Street.
	* 16 A	.....do.....	Do.
	*16 B	.....do.....	Do.
	983	Keystone Churning Co.....	39-41 Sussex Street.
	63	Max Koschel (Inc.).....	61-65 Paterson Avenue (Hoboken, N. J.).
	*517	Charles Miller & Co.....	37-42 Secaucus Road (North Bergen, N. J.); mail, West Hoboken, N. J.
	1 H	Morris & Co.....	10 North Street (Bayonne N. J.).
	887	Morris & Co..... and Holland Butterine Co.	Bay and Provost Streets.
	*378	Nagle Packing Co.....	681-683 Henderson Street.
	653	M. Strohmeier Bros.....	119 Washington Street (Hoboken, N. J.).
	71	Swift & Co..... and The G. H. Hammond Co. Omaha Packing Co. Plankinton Packing Co. Swift & Co., successors St. Louis Dressed Beef & Provision Co. Western Packing Co.	154 Ninth Street.
	*2 B	Armour & Co..... and The Anglo-American Provision Co. The Colorado Packing & Provision Co. Fowler Packing Co. Halstead & Co. Hammond Packing Co. The New York Butchers' Dressed Meat Co. The Prairie State Packing Co. James Wright & Co.	Joy, Central, and James Streets.
	*208	Joseph Baum Packing Co.....	308 Central Avenue.
	*52	Cochrane Packing Co.....	Central Avenue and Water Street.
	*18	The Cudahy Packing Co..... and Pioneer Packing Co.	Kansas and Railroad Avenues.
	82	Far Famed Meat & Sausage Co..	741-743 Southwest Boulevard (Rosedale, Kans.).
	*103	.....do.....	Shawnee Avenue and Kansas City Belt Line; mail, 743 Southwest Boulevard, Rosedale, Kans.

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Kansas City, Kans. (contd)..	*769	Guilfoil Packing Co.....	20-22 North Second Street.
	193	Harrow-Taylor Butter Co.....	614 Broadway (Kansas City, Mo.).
	*1003	Interstate Vaccine Co.....	58 Greystone Heights; mail, Substation 2, Kansas City, Mo.
	*369	George Kaiser Packing Co.....	81 North First Street.
	858	Loschke & Zercher Meat and Sausage Co.	Forty-third Street and State Line (Rosedale, Kans.).
	*478	Means Packing Co.....	2d Street and Lyons Avenue.
	*930	Missouri Valley Packing Co.....	50 North Second Street.
	*1	B Morris & Co..... and Fairbank Canning Co.	
	278	National Sausage Factory.....	5th Street and Kaw River; mail, Kansas Avenue and Berger Street.
	486	Neuer Bros. Meat Co.....	1326-1328 Main Street (Kansas City, Mo.).
	*939	Royal Packing Co.....	Adams Street and Osage Avenue.
	438	Rutherford Flavorings Co.....	1619 East Eighth Street, Kansas City, Mo.
	*957	The Sihler Hog Cholera Serum Co.	210 Central Avenue; mail, 1602 West 16th Street, Kansas City, Mo.
	*15	The Standard Serum Co.....	11 South Second Street.
	*863	The Stock Yards Packing Co....	211 Central Avenue.
	*3	A Swift & Co..... and The G. H. Hammond Co. Omaha Packing Co. Plankinton Packing Co. Swift & Co., successors St. Louis Dressed Beef & Provision Co. Western Packing Co.	
	*20	A Wilson & Co..... and Albert Lea Packing Co. (Inc.). Empire Provision & Produce Co. Wilson-Martin Co.	Adams, Osage, Baird, and Railroad Streets.
	193	Harrow-Taylor Butter Co.....	614 Broadway.
	486	Neuer Bros. Meat Co.....	1326-1328 Main Street.
	438	Ruthford Flavorings Co.....	1619 East Eighth Street.
Kearny, N. J.....	*359	Bimble Co.....	Harrison Avenue; mail, 30 Plane Street, Newark, N. J.
(Substation of Newark, N. J.)	*226	Swift & Co..... and The G. H. Hammond Co.	Mail, Harrison Station, Newark, N. J.
Keene, N. H.....	233	Cheshire Beef & Produce Co.....	105 Emerald Street.
Knoxville, Tenn.....	*487	East Tennessee Packing Co.....	Jones Street; mail, P. O. box 676.
	*233	A Cheshire Farm.....	
La Fayette, Ind.....	*239	Dryfus Packing & Provision Co.	First and Ellsworth Streets.

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Lawrence, Mass..... (Substation of Haverhill, Mass.)	426	Pure Food Specialty Co.....	27 Front Street; mail, P. O. box 373.
Leavenworth, Kans.....	*152	The Schalker Packing Co.....	Third and Choctaw Streets.
Lebanon, Pa.....	750	Brooks Bologne Co.....	155 North Tenth Street.
	982	Buck & Co. (Inc.).....	
	737	Robert L. Eby .....	Sixth and Oak Streets; mail, 402 South Sixth Street.
(Substation of Harris- burg, Pa.)	659	The Lebanon Bologna & Pro- vision Co.	Eleventh Avenue and P. & R. Ry.
Leesburg, Va.....	669	John S. Weaver.....	
(Substation of Washing- ton, D. C.)	796	R. B. Wildman.....	
Leominster, Mass..... (Substation of Worcester, Mass.)	418	Elmwood Farm.....	908 Main Street.
Lewiston, Idaho.....	828	W. H. Bristol..... and Cold Storage Market.	204-206 Main Street.
	*828 A	W. H. Bristol.....	(Clarkston, Wash.)
	*25	Inland Meat Co. (Ltd.).....	Bridge Street (Clarkston, Wash.).
	25 A	.....do.....	832 Main Street.
Logansport, Ind.....	*592	W. C. Routh & Co.....	Logansport and Southwest- ern Pike.
Los Angeles, Calif.....	2 R	Armour & Co.....	119 Central Avenue.
	*112	Cudahy Packing Co.....	803-811 Macy Street.
	*120	Hauser Packing Co.....	Ninth and Mateo Streets; mail, Box A, Arcade Sta- tion.
	1 EE	Morris & Co.....	734 Terminal Street.
	*121	San Antonio Meat Co.....	(Pomona, Calif.)
	3 CC	Swift & Co.....	922 East First Street.
	*119	Wilson & Co..... and Empire Provision & Produce Co. Wilson & Co. (Inc.) of California.	1000 Lyon Street.
Louisville, Ky.....	*2 N	Armour & Co.....	201 East Main Street.
	*996	Louis P. Bornwasser Co.....	929 Geiger Street.
	*718	Will F. Hoerter & Sons.....	2011 Frankfort Avenue.
	*995	Louisville Provision Co. (Inc.)..	914-920 East Market Street.
	3 AG	Swift & Co..... and The G. H. Hammond Co.	118-120 North Eighth Street.
	*355	C. F. Vissman & Co.....	117 Bickle Avenue.
Lynn, Mass..... (Substation of Boston, Mass.)	604	The George E. Marsh Co.....	391 Chestnut Street.
Macon, Ga.....	551	The Procter & Gamble Co.....	Hazel Street.
Madison, Ind.....	*524	Pearl Packing Co. (Inc.).....	710 North West Street.
Madison, Wis.....	537 A	Oscar Mayer & Co..... and Oscar F. Mayer & Bro.	North Street.
Mamaroneck, N. Y..... (Substation of New York, N. Y.)	829	Pure Food Factory "Hansa"...	

\* Conducts slaughtering.



*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Manchester, N. H.....	555 B	Manchester Rendering Co.....	Hancock Street.
	3 GG	Swift & Co.....	Franklin and Depot Streets.
	979	J. E. Colburn.....	247 Main Street.
Marion, Ohio.....	*798.....	The Marion Packing Co.....	West Center Street; mail, P. O. box 526.
Mason City, Iowa.....	*222	Jacob E. Decker & Sons.....	
Media, Pa.....	*188	Clement E. Allen (Inc.).....	
(Substation of Philadel- phia, Pa.)			
Memphis, Tenn.....	2 BB	Armour & Co.....	39 McCall Street.
	19 V	The Cudahy Packing Co.....	Speed Avenue and Illinois Central R. R.
	*579	Memphis Packing Corporation..	229 Falls Building.
	17 G	John Morrell & Co.....	Beale Avenue and South Wagner Place.
	1 Y	Morris & Co.....	31 Gayoso Avenue.
	3 U	Swift & Co.....	35-37 Union Avenue.
	20 D	Wilson & Co.....	39 South Front Street.
Menominee, Mich.....	*818	Twin City Packing Co.....	210 Bellview Street.
Middletown, N. Y.....	2 AV	Armour & Co.....	16 Union Street.
(Substation of Paterson, N. J.)	3 LL	Swift & Co.....	20-22 Henry Street.
Milwaukee, Wis.....	*28	Cudahy Bros. Co.....	(Cudahy, Wis.)
	28 A	do.....	262 Jackson Street.
	148	Frank & Co.....	644 Market Street.
	*117	R. Gumz & Co.....	125 Muskego Avenue.
	*263	The Jones Dairy Farm.....	(Fort Atkinson, Wis.)
	*26	The Layton Co.....	Muskego Avenue, foot of Thirteenth Street.
	*597	C. Stoppenbach's Sons.....	River St. (Jefferson, Wis.).
	*6 C	Swift & Co.....	Muskego Avenue and Canal Street.
		and	
		The G. H. Hammond Co.	
		Omaha Packing Co.	
		Plankinton Packing Co.	
		Swift & Co., successors St. Louis Dressed Beef & Provision Co.	
		Western Packing Co.	
	304	Fred Usinger.....	302 Third Street.
	534	Weisel & Co.....	Commerce Street and Hum- boldt Avenue.
	977	Wisconsin Food Products Co....	1011 Center Street (Jefferson, Wis.).
	175	The D. E. Wood Butter Co.....	(Evansville, Wis.)
Minneapolis, Minn.....	403	Feinberg Kosher Sausage Co...	809-811 Lyndale Ave. North.
(Substation of South St. Paul, Minn.)			
Mobile, Ala.....	2 EE	Armour & Co.....	Commerce and Government Streets.
(Substation of New Or- leans, La.)	19 C	The Cudahy Packing Co. of Alabama.	North Water Street between State and Adams.
	3 V	Swift & Co.....	Commerce and Conti Streets.

\* Conducts slaughtering.

*Meat inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Morristown, Tenn.....	*164	Greeneville Packing Co.....	(Greeneville, Tenn.)
	*149	S. M. Holsinger Co.....	
	*158	Morristown Packing Co.....	
	*853	Morristown Produce & Ice Co...	
Moscow, Idaho.....	*811	Hagan & Cushing Co.....	
Moultrie, Ga.....	*970....	Swift & Co.....	
		and	
		Moultrie Packing Co.	
Nashua, N. H.....	979	J. E. Colburn.....	247 Main Street.
(Substation of Manchester, N. H.)			
Nashville, Tenn.....	*726	Neuhoff Packing Co.....	1304-1312 Adams Street.
	444	Power Packing Plant.....	1101 First Avenue North.
Natchez, Miss.....	2 AH	Armour & Co.....	Veto and Mulberry Streets (Vicksburg, Miss.).
	*785	Natchez Dressed Beef Co.....	
	785 A	.....do.....	112-114 North Commerce Street.
	3 W	Swift & Co.....	413 South Canal Street.
National Stock Yards, Ill.....	*2 D	Armour & Co.....	
		and	
		The Anglo-American Provision Co.	
		The Colorado Packing & Pro- vision Co.	
		Fowler Packing Co.	
		Halstead & Co.	
		Hammond Packing Co.	
		The New York Butchers' Dressed Meat Co.	
		Prairie State Packing Co.	
		James Wright & Co.	
	*650	East Side Packing Co.....	Second Street and Lynch Avenue (East St. Louis, Ill.).
	*1 A	Morris & Co.....	
	*3 C	Swift & Co.....	
		and	
		The G. H. Hammond Co.	
		Omaha Packing Co.	
		Plankinton Packing Co.	
		Swift & Co., successors St. Louis Dressed Beef & Provision Co.	
		Western Packing Co.	
	*1000	The Universal Serum Co.....	1st Street and St. Clair Ave- nue (East St. Louis, Ill.).
Nebraska City, Nebr.....	*32	Wilson & Co.....	
		and	
		Morton-Gregson Co.	
Newark, N. J.....	2 S	Armour & Co.....	317 North Warren Street (Trenton, N. J.).
	313	J. W. Beardsley's Sons.....	690 Frelinghuysen Avenue.

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Newark, N. J. (continued)....	*359	Bimble Co.....	Harrison Avenue (Kearney, N. J.); mail, 30 Plane Street, Newark, N. J.
	627	D. M. Bodine.....	32 South Stockton Street (Trenton, N. J.).
	*97	John Engelhorn & Sons (Inc.)..	17-27 Avenue L.
	*405	A. Fink & Sons (Inc.).....	810 Frelinghuysen Avenue.
	414	Hauck Nut Butter Co.....	85 Clifton Avenue.
	*926	A. Horhovitz.....	353 Union Street (Trenton, N. J.).
	185	Liberty Provision Co.....	631 Franklin Street (Trenton, N. J.).
	498	Newark Packing Co..... and	217-219 Astor Street.
		S. A. Pumphrey & Co.	
	404	New Jersey Provision Co.....	160 Passaic Street (Trenton, N. J.).
	146	Purity Cross (Inc.).....	11 Central Avenue (West Orange, N. J.); mail, Orange, N. J.
	628	W. W. Rose.....	175 Pennington Avenue (Trenton, N. J.).
	*45	Schloss, Held & Schloss.....	Avenue D and Astor Street.
	*226	Swift & Co..... and	Harrison Avenue (Kearney, N. J.); mail, Harrison Station, Newark, N. J.
	3 NN	Swift & Co.....	(Dover, N. J.)
	3 SS	.....do.....	25 Ringgold Street (Trenton, N. J.).
New Bedford, Mass..... (Substation of Providence, R. I.)	256	The Taylor Provision Co.....	63 Perrine Avenue (Trenton, N. J.).
	459	Van Wagenen & Schickhaus Co. and	30 Plane Street.
New Haven, Conn.....		Swift & Co.	
		The G. H. Hammond Co.	
New Orleans, La.....	874	New Bedford Linguica and Chourico Co.	56 Davis Street.
	987	Joseph F. Rezendes.....	433 South Second Street.
	555 H	New Haven Rendering Co.....	Spring Street, West New Haven, Conn.
New Orleans, La.....	*27 C	The Sperry & Barnes Co..... and	188 Long Wharf.
		Sperry & Barnes.	
	302	The American Cotton Oil Co.... and	Mail P. O. box 900 (Gretna, La.); office, 65 Broadway, New York, N. Y.
		The N. K. Fairbank Co.	
	2 EE	Armour & Co.....	Commerce and Government Streets (Mobile, Ala.).
	2 PP	Armour & Co. (Ltd.).....	850 Magazine Street.
New Orleans, La.....	*362	Arabi Packing Co. (Inc.).....	(Arabi, La.)
	19 C	The Cudahy Packing Co. of Alabama.	North Water Street (Mobile, Ala.).

\* Conducts slaughtering.



*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
New Orleans, La. (contd)....	19 H	The Cudahy Packing Co. of Louisiana (Ltd.). and The Cudahy Packing Co.	1501-1519 Poydras Street.
	*105	A. D. Davis Packing Co.....	(Mobile, Ala.)
	3 V	Swift & Co.....	Commerce and Conti Streets (Mobile, Ala.).
	3 MM	Swift & Co. (Ltd.).....	Magazine and Julia Streets.
	3WW	Swift & Co. (Ltd.)..... and The G. H. Hammond Co. Omaha Packing Co. Plankinton Packing Co. Swift & Co., successors St. Louis Dressed Beef & Provision Co. Western Packing Co.	(Harvey, La.)
	3 AC	Swift & Co.....	Garden and Tarragonna Streets (Pensacola, Fla.).
	20 N	Wilson & Co..... and Wilson & Co. (Inc.) of Louisiana.	Constance and St. Joseph Streets.
Newport, Ky.....	*165	Becker Bros. Co.....	942 Monmouth Street.
(Substation of Cincinnati, Ohio.)			
Newport, Minn.....	*95	Farmers Terminal Packing Co..	
(Substation of South St. Paul, Minn.)			
Newport, R. I.....	2 AA	Armour & Co.....	43-59 Long Wharf.
(Substation of Providence, R. I.)	308	William H. Easton & Co.....	67 West Broadway.
New Richmond, Wis.....	*531 A	Hately Brothers Co.	
New York, N. Y.....	319	The American Cotton Oil Co.... and The N. K. Fairbank Co. The W. J. Wilcox Lard & Refining Co. The W. J. Wilcox L. & R. Co. W. J. Wilcox & Co.	(Guttenberg, N. J.); office, 65 Broadway, New York, N. Y.
	931	American Kitchen Products Co.	281-283 Water Street.
	547	Anderson & Tarlow.....	482-484 Austin Place.
	2 L	Armour & Co.....	7-9 Manhattan Market.
	2 AS	.....do.....	52 Tenth Avenue.
	*227	Armour & Co..... and The Anglo-American Provision Co. The Colorado Packing & Provision Co. Fowler Packing Co. Halstead & Co. Hammond Packing Co. The New York Butchers' Dressed Meat Co. Prairie State Packing Co.	39th Street and Eleventh Avenue.

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
New York, N. Y. (continued).		James Wright & Co.	
	959	Atlantic Hotel Supply Co. (Inc.).	676 Hudson Street.
	910	Beinecke & Co.	184 Duane Street.
	784	Jacob Branfman.	178 Delancey Street.
	489	Bronx Provision Co.	2692 Third Avenue.
		and Bronx Provision Corporation of New York.	
	762	Aaron Buchsbaum Co.	729-731 Ninth Avenue.
	338	E. W. Burr.	33 Front Street.
	1009	Conron Bros. Co.	643-645 Brook Avenue.
	19	I The Cudahy Packing Co.	611-613 West Thirty-fourth Street.
	674	Phillip Cullman.	515 East Nineteenth Street.
	464	Darling Bros. Co.	405 West Fourteenth Street.
	921	Edward Davis (Inc.).	420-424 West Fourteenth Street.
	417	H. C. Derby Co.	800-802 First Avenue.
	965	Louis M. Doctor.	99 Fourth Avenue.
	909	Empire Hotel Supply Co. (Inc.)	169 Ninth Avenue.
	950	The Engel Co. (Inc.).	121-123 Barclay Street.
	277	A John J. Felin & Co. (Inc.).	407-409 West Thirteenth Street.
	137	F. A. Ferris & Co.	262-272 Mott Street.
	*283	Figge & Hutwelker Co.	621-635 West Fortieth Street.
	*976	A Moe Frank.	614 West Thirty-ninth Street.
	422	A. Frank & Son.	789 First Avenue.
	475	Isaac Gellis (Inc.).	37 Essex Street.
	594	Golden Packing Co. (Inc.).	53 Little West Twelfth Street.
	490	Sam Gordon.	62 East One Hundred and Tenth Street.
	182	E. Greenebaum Co.	328 East One Hundred and Third Street.
	460	Guckenheimer & Hess (Inc.).	83 Third Avenue.
	485	Thomas Harris.	443 West 45th Street.
	477	A. Lester Heyer.	318 East Thirty-ninth Street.
	454	George Kern (Inc.).	496 Ninth Avenue; mail, 350- 352 West Thirty-eighth Street.
	381	Keystone Instant Food Co. (Inc.).	Triangle Street (Danbury, Conn.).
	12	G Kingan Provision Co.	624-634 and 638-654 West Thirty-fifth Street.
	552	Theo. Krainin. and The Hebrew National Kosher Sausage Factory. The Hebrew National Sausage Factory.	155 East Broadway.
	327	Simon Lewald (Inc.).	438 Second Avenue.

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
New York, N. Y. (continued).	937	Liebig Extract Co. (Inc.)..... and E. B. E. Manufacturing Co. Red Cross Packing Co. (Inc.).	239 Fourth Avenue.
	*753	Manhattan City Dressed Beef Co.	403-405 East Forty-fourth Street.
	49	B. Meier & Son .....	516 Westchester Avenue.
	156	Metropolitan Hotel Supply Co...	875 Washington Street.
	431	John Minder & Son, (Inc.).....	224-226 Greenwich Street.
	17 A	John Morrell & Co. (Inc.).....	620-624 West Thirty-sixth Street.
	1 I	Morris & Co.....	Thirty-fifth Street and Eleventh Avenue.
	*150	Morris & Co..... and Joseph Stern & Sons (Inc.).	Foot West Fortieth Street.
	913	National Hotel Supply Co.....	444 West Fourteenth Street.
	940	The Nauss Bros. Co.....	2289-2291 Third Avenue.
	*297	New York Veal & Mutton Co...	First Avenue and Forty- third Street.
	433	Stiefel O'Mara Co. (Inc.).....	433 West Fourteenth Street.
	699	William Ottman & Co.....	509-511 West Sixteenth Street.
	365	Palmine Co., Inc.....	Palisade Avenue (Dobbs Ferry, N. Y.).
	346	Pawling Products Co. (Inc.)....	Pawling, N. Y.
	*372	Samuel Plaut.....	407 East Forty-fourth Street.
	829	The Pure Food Factory "Hansa."	(Mamaroneck, N. Y.)
	58	Quin Wo, Chung Kee & Co.....	105 Park Street.
	80	Rohe & Bro.....	527-543 West Thirty-sixth Street.
	*80 A	.....do.....	655 West Fortieth Street.
	761	Roma Provision Co., Inc.....	132-138 King Street.
	967	Sayles, Zahn Co.....	128 Sixth Avenue.
	*382	J. M. & P. Scanlan.....	613 West Fortieth Street.
	466	Otto Stahl.....	165 East One hundred and Twenty-sixth Street.
	825	Steck & Steck (Inc.).....	(Tuckahoe, N. Y.)
	*686	Strauss & Adler.....	606-611 West Fortieth Street
	3 KK	Swift & Co.....	625-629 Brook Avenue.
	3 AT	.....do.....	2294 Twelfth Avenue.
	3 R	Swift & Co..... and The G. H. Hammond Co.	Tenth Avenue and Thir- teenth Street.
	*59	Swift & Co. and J. J. Harrington & Co. (Inc.). United Dressed Beef Co.	778 First Avenue.
	615	W. G. Wagner & Sons (Inc.).... and W. G. Wagner.	573 First Avenue.
	883	J. B. Wallace Co. (Inc.).....	94 Barclay Street.

\* Conducts slaughtering.



*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
New York, N. Y. (continued).	424	A. J. Wettach & Co.....	427 East Forty-seventh Street.
	*20	Wilson & Co..... and Empire Provision & Produce Co. Gotham Hotel Supply Co. (Inc.). T. M. Sinclair & Co., Ltd. Wilson-Martin Co.	Forty-fifth Street and First Avenue.
	927	D. Winant (Inc.).....	178 Front Street.
Norfolk, Va.....	2 DD	Armour & Co.....	224-226 Water Street; mail, P. O. box 374.
	221	P. D. Gwaltney, jr., & Co.....	(Smithfield, Va.)
	229	V. W. Joyner & Co.....	Do.
	964	Virginia Lard & Provision Co., Inc.	210 Water Street; mail, P. O. box 757, Portsmouth, Va.
	3 BB	Swift & Co.....	Jackson and Water Streets; mail, P. O. box 534.
	393	Wynne Lard & Provision Co....	1141-1145 May Avenue (P. O. box 263).
North Adams, Mass.....	2 YY	Armour & Co.....	59 Morris Street.
(Substation of Albany, N. Y.)	3 AP	Swift & Co.....	159 Ashland Street.
North Augusta, S. C.....	*88	Butchers' Abattoir.....	Mail, P. O. box 506, Au- gusta, Ga.
(Substation of Augusta, Ga.)			
North Bergen, N. J.....	*517	Charles Miller & Co.....	37-42 Secaucus Road; mail West Hoboken, N. J.
(Substation of Jersey City, N. J.)			
North Portland, Oreg.....	*138 .	Swift & Co..... and The G. H. Hammond Packing Co. Union Meat Co.	
(Substation of Portland, Oreg.)			
Ogden, Utah.....	*591	Ogden Packing & Provision Co..	West Twenty-fourth Street.
Oklahoma, Okla.....	*1016	Fidelity Supply Co.....	1838 West Hickory Street.
	*1 P	Morris & Co.....	
	*20 Q	Wilson & Co..... and Empire Provision & Produce Co. Wilson & Co. (Inc.) of Oklahoma. and Wilson-Martin Co.	
Olean, N. Y.....	2 NN	Armour & Co.....	424-426 Union Street.
(Substation of Buffalo, N. Y.)			
Omaha, Nebr.....	*2 C	Armour & Co..... and The Anglo-American Provision Co. The Colorado Packing & Pro- vision Co. Fowler Packing Co. Halstead & Co. Hammond Packing Co. The New York Butchers' Dressed Meat Co.	Twenty-eighth and A Streets; mail, South Side Station.

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Omaha Nebr. (continued).....		Prairie State Packing Co. James Wright & Co. *19 The Cudahy Packing Co..... and Pioneer Packing Co.	Thirty-third and P Streets; mail, South Side Station.
	*42 X	Dold Packing Co.....	Twenty-seventh and Y Streets.
	*643	Higgins Packing Co. (Inc.).....	Thirty-sixth and L Streets.
	*1 U	Morris & Co.....	Twenty-seventh and O Streets, South Side Sta- tion.
	*506	Omaha Packing Co.....	Thirty-eighth and M Streets.
	*3 B	Swift & Co..... and  The G. H. Hammond Co. Omaha Packing Co. Plankinton Packing Co. Swift & Co., successors St. Louis Dressed Beef & Provision Co. Western Packing Co. Carolina Packing Co. of South Carolina.	Twenty-seventh and Q Streets, South Side Sta- tion.
Orangeburg, S. C.....	*124		
(Substation of Augusta, Ga.)			
Ottumwa, Iowa.....	*17	John Morrell & Co.....	
Palmyra, Pa.....	474	The Palmyra Bologna Co.....	
(Substation of Harris- burg, Pa.)			
Passaic, N. J.....	2 VV	Armour & Co.....	33 Central Avenue.
(Substation of Paterson, N. J.)	19 B	The Cudahy Packing Co.....	61-65 Central Avenue.
	280 A	The Henry Muhs Co.....	Monroe Street and Central Avenue.
Paterson, N. J.....	2 VV	Armour & Co.....	33 Central Avenue (Passaic, N. J.).
	2 AV	Armour & Co.....	16 Union Street (Middle- town, N. Y.).
	19 B	The Cudahy Packing Co.....	61-65 Central Avenue (Pas- saic, N. J.).
	361	D. Fullerton & Co.....	306 River Street.
	*361 A	.....do.....	Warren and East Fifth Street.
	280 A	The Henry Muhs Co.....	Monroe Street and Central Avenue (Passaic, N. J.).
	*1005	Frank J. Murray Co. (Inc.).....	(Chester, N. Y.)
	345	Pure Food Specialty Corpora- tion.	291 Railroad Avenue (Hack- ensack, N. J.).
	*E69	Reher-Verlegh Packing Corpora- tion.	Mail, 427 West Street, New York, N. Y. (Upper Preak- ness, N. J.).
	425	E. A. Stevenson & Co., Inc.....	Division Street (Boonton, N. J.); mail, 44 Whitehall Street, New York. N. Y.

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Paterson, N. J. (continued)...	3 LL	Swift & Co.....	20-22 Henry Street (Middletown, N. Y.).
	20 K	Wilson & Co.....	212 Van Houten Street.
Pawling, N. Y..... (Substation of New York, N. Y.)	346	Pawling Products Co. (Inc.)...	
Pawtucket, R. I..... (Substation of Providence, R. I.)	432	Harry Bramham.....	56 Utton Avenue.
	*275	Comstock & Co.....	Concord Street.
	555 I	L. B. Darling Fertilizer Co.....	654 Mineral Spring Avenue.
	856	Charles S. Johnson.....	58 Washington Street.
	306	Swift & Co.....	17 Bayley Street.
Pearl River, N. Y.....	*415	Lederle Antitoxin Laboratories..	Middletown Road.
Pensacola, Fla..... (Substation of New Orleans, La.)	3 AC	Swift & Co.....	Garden and Tarragonna Streets.
Peoria, Ill.....	*259	E. Godel & Son.....	Foot South Street.
	*509	Wilson Provision Co.....	Do.
Philadelphia, Pa.....	493	Acme Tea Co.....	Noble Street and York Ave.
	408	Acorn Packing Co.....	4118-4122 Ludlow Street.
	*188	Clement E. Allen (Inc.) .....	(Media, Pa.)
	951	William Ammann, jr.....	611 North Third Street.
	2 K	Armour & Co.....	917-925 Noble Street.
	*79	Beiswanger Packing Co.....	139 Chestnut Street (Coatesville, Pa.).
	66	Bradley Market Co.....	2106-2108 Market Street.
	*257	Louis Burk.....	Girard Avenue and Third Street.
	262	Joseph Campbell Co..... and Franco-American Food Co.	32 North Front Street (Camden, N. J.).
	441	The Cudahy Packing Co.....	900-912 Girard Avenue.
	417 A	H. C. Derby Co.....	425-429 Fairmount Avenue.
	339	Bernhard Ernst Bros.....	2920 North Sixth Street.
	*277	John J. Felin & Co.....	4144 Germantown Avenue.
	115	Garden City Canning Co. (Inc.).	962-966 North Alder Street.
	529	Geikler Bros.....	405 North Second Street.
	419 A	The Great Atlantic & Pacific Tea Co.	Corner Broad and Somerset Streets.
	167	George Gregory.....	4812 Parrish Street.
	691	James A. Hamilton.....	25th and Moore Streets.
	*386	George Hausmann & Sons (Inc.).	51st Street and Westminster Avenue.
	822	Hopkinson & Haigh.....	853-855 East Russell Street.
	113	P. D. Hughes.....	(Camden, N. J.)
	100	Kabisch & Co. (Inc.).....	Southwest corner Fifty-fourth Street and Wyalusing Avenue.
	12 E	Kingan Provision Co.....	8th and Callowhill Streets.
	216	Lotz Bros.....	1825 South Front Street.
	*504	A. H. March Packing Co.....	139 Front Street (Bridgeport, Pa.).

\* Conducts slaughtering.



*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Philadelphia, Pa. (contd.)...	330	William Moland's Sons.....	158 Laurel Street.
	330 A	.....do.....	120 Market Street.
	17 E	John Morrell & Co.....	816-820 Noble Street.
	1 CC	Morris & Co.....	901 Girard Avenue.
	451	Morris & Co.....	427 North Second Street.
		and	
		W. A. Millar & Co.	
	*354	G. F. Pfund & Son.....	3945 Germantown Avenue.
	47 D	Philadelphia Abattoir Co.....	30th and Race Streets.
	852	Bernard S. Pincus.....	2101-2117 Market Street.
	1019	Louis Pincus.....	218-220 Callowhill Street.
	*878	Pusey, Maynes, Breish Co.....	3034-3036 Market Street.
	943	Reading & Dickison.....	225 Race Street.
	941	H. D. Reese.....	1203 Filbert Street.
	427	Richardson & Robbins Co.....	(Dover, Del.)
	162	Christian Seiler.....	2719 West Susquehanna Ave.
	455	Karl Seiler & Sons.....	4051 North Fifth Street.
	679	Julius Sostman & Sons.....	232 North Delaware Avenue.
	991	Standard Provision Co.....	212 North Front Street.
	201	Henry Strecker.....	2066 East Tioga Street.
	*813	A. Darlington Strode.....	(West Chester, Pa.)
	3 I	Swift & Co.....	906 Noble Street.
		and	
		The G. H. Hammond Co.	
	*391	F. G. Vogt & Sons (Inc.).....	30th and Race Streets.
	944	George L. Wells (Inc.).....	402-404 North Second Street.
	*47 B	West Philadelphia Stock Yard Co.	30th and Race Streets.
	*196	Wilson & Co.....	Thirtieth and Market Streets.
		and	
		Wilson-Martin Co.	
	196 A	.....do.....	Thirty-sixth Street and Grays Ferry Road.
	948	Wilson & Rogers (Inc.).....	134 North Delaware Avenue.
Phillipsburg, N. J.....	452	Joseph R. Shimer Co.....	16 First Street.
(Substation of Allentown, Pa.)			
Pittsburg, Kans.....	*510	The Hull & Dillon Packing Co..	West Fourth Street.
Pittsburgh, Pa.....	2 V	Armour & Co.....	248 West Commerce Street (Youngstown, Ohio).
	2 Y	.....do.....	(East Liverpool, Ohio.)
	901	Albert L. Brahm.....	404 Penn Avenue.
	*367	Dunlevy-Franklin Co.....	6500 Hamilton Avenue.
		and	
		Dunlevy Packing Co.	
	419 C	The Great Atlantic & Pacific Tea Co.	32 Terminal Way.
	12 K	Kingan Provision Co.....	1121 Penn Avenue.
	*40	Pittsburg Provision & Packing Co.	Union Stock Yards.
	3 EE	Swift & Co.....	262-264 Commerce Street (Youngstown, Ohio).
	231	Valley Packing & Provision Co.	114 Franklin Street (Sharon Pa.).
	*353	William Zoller Co.....	350 Spring Garden Avenue.

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Plainfield, Ind. ....	*118	National Single Bled Serum Co. (Inc).	
(Substation of Indianapolis, Ind.)			
Pomona, Calif. ....	*121	San Antonio Meat Co. ....	
(Substation of Los Angeles, Calif.)			
Portland, Me. ....	2 RR	Armour & Co. ....	260 Commercial Street.
	1 G	Morris & Co. ....	250 Commercial Street.
	*555 J	The Portland Abattoir. ....	92 Presumpscot Street.
	555 C	Portland Rendering Co. ....	147 Presumpscot Street (East Deering, Me.).
	3 S	Swift & Co. .... and The G. H. Hammond Co.	336 Commercial Street.
Portland, Oreg. ....	2 M	Armour & Co. ....	101 North 13th Street.
	476	The Cudahy Packing Co. ....	341 East Oak Street.
	191 A	Frye & Co. ....	13th and Hoyt Streets.
	*717	D. E. Nebergall Meat Co. ....	(Albany, Oreg.)
	141	Sinclair Provision Co. ....	475 Everett Street.
	*138	Swift & Co. .... and The G. H. Hammond Co. Union Meat Co.	(North Portland, Oreg.)
	138 A	Swift & Co. ....	285 Hoyt Street.
	*681	Valley Packing Co. ....	(Salem, Oreg.)
Pottsville, Pa. ....	*588	Seltzer Packing Co. ....	Water Street.
	428	Shamokin Pure Food Products Co. (Inc.).	301-305 East Commerce Street (Shamokin, Pa.).
	*584	Jacob Ulmer Packing Co. ....	Walnut and Railroad Streets.
Providence, R. I. ....	2 AA	Armour & Co. ....	43-59 Long Wharf (Newport, R. I.).
	2 XX	.....do.....	34 Plymouth Avenue (Fall River, Mass.).
	432	Harry Bramham. ....	56 Utton Avenue (Paw- tucket, R. I.).
	555 A	Butchers' Rendering Co. ....	Birch Street (Fall River, Mass.).
	*275	Comstock & Co. ....	Concord Street (Pawtucket, R. I.).
	275 A	.....do.....	199 Canal Street.
	299	Crown Food Products Corpora- tion.	1217 Eddy Street.
	555 I	L. B. Darling Fertilizer Co. ....	654 Mineral Spring Avenue (Pawtucket, R. I.).
	70	L. Debrosse. ....	670 Center Street (South Bellingham, Mass.).
	308	William H. Easton & Co. ....	67 W. Broadway (Newport, R. I.).
	984	Caetano Moniz Furtado. ....	544 Underwood Street (Fall River, Mass.).
	856	Charles S. Johnson. ....	58 Washington Street (Paw- tucket, R. I.).
	19 D	The Cudahy Packing Co. ....	17 N Street NW. (Fall River, Mass.).

\* Conducts slaughtering

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Providence, R. I. (continued).	309	Kimball & Colwell Co. ....	453 Washington Street.
	21	National Dairy Co. .... and	702 Eddy Street.
	874	Narragansett Dairy Co. (Ltd.). New Bedford Linguica and Chourico Co.	56 Davis Street (New Bedford, Mass.).
	600	Oakdale Manufacturing Co. .... and	156 South Water Street.
	462	Goshen Manufacturing Co. Peerless Brand Puff Paste Co. ....	26 Edwin Street.
	987	Joseph R. Rezendes. ....	433 South Second Street (New Bedford, Mass.).
	326	Roberts & Oake of New England (Inc.).	1 Terminal Way.
	171	The Rumford Churning Co. ....	105 Pavillion Avenue, East Providence, R. I.
	347	Augustus Saugy (Inc.). ....	285 Canal Street.
	306	Swift & Co. ....	17 Bayley Street (Pawtucket, R. I.).
	3 TT	.....do. ....	252-258 Canal Street.
	3 AU	.....do. ....	(Woonsocket, R. I.)
	411	Vermont Butterine Co. (Inc.).	754 Eddy Street.
Pueblo, Colo. ....	*279	The Nuckolls Packing Co. ....	Santa Fe Avenue and Spring Street.
Purcellville, Va. .... (Substation of Washington, D. C.)	817	Forest Home Farm. ....	
Reading, Pa. ....	*956	Reading Abattoir Co. ....	216-232 Pine Street.
Reno, Nev. ....	*72 B	Nevada Packing Co. ....	Fourth and Alameda Streets.
	3 Q	Swift & Co. ....	530½ West Commercial Row.
Richmond, Ind. ....	*197	Anton Stolle & Sons. ....	40 Liberty Avenue.
Richmond, Va. ....	2 UU	Armour & Co. ....	307 North Seventeenth Street; mail, P. O. box 1314.
	421	Allied Packers (Inc.). .... and W. S. Forbes & Co. (Inc.).	Tenth and Byrd Streets; mail, P. O. box 393.
	12 B	Kingan & Co. .... and Albert E. Jordan.	1438 East Cary Street; mail, P. O. box 1235.
	*12 C	.....do. ....	Union Stock Yards; mail, P. O. box 1235.
	1 X	Morris & Co. ....	Union and Grace Streets; mail, P. O. box 157.
	923	Patrick Young Co. (Inc.). .... and Boyd Packing Co. Southern Packing & Provision Co. E. M. Todd Co.	Hermitage Road; mail, P. O. box 1534.

\* Conducts slaughtering.



*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Richmond, Va. (continued)..	3 K	Swift & Co.....	109 Union Street; mail, P. O. box 672.
	*351	Valentine's Meat Juice Co.....	Chamberlayne, Parkway and High Street; mail, P. O. box 1214.
	20 R	Wilson & Co.....	Grace and 17th Streets.
Rochester, N. Y. ....	472	Curtice Bros. Co. ....	20 Curtice Street.
(Substation of Buffalo, N. Y.)			
Rosedale, Kans.....	82	Far Famed Meat & Sausage Co..	741-743 Southwest Blvd.
(Substation of Kansas City, Kans.)			
	853	Loschke & Zercher Meat & Sausage Co.	43d and State Line.
Roslyn, Va.....	*287	Roslyn Packing Co.....	
(Substation of Washington, D. C.)			
Sacramento, Calif.....	*799	C. Swanston & Son.....	Mail, P. O. box 323.
(Substation of San Francisco, Calif.)			
St. Louis, Mo.....	*360	J. H. Belz Provision Co.....	3601 South Broadway.
	668	The Blanton Co.....	109-115 Spruce Street.
		and	
		The Blanton-Sims Co.	
	*641	Carondelet Packing Co.....	8000 Ivory Avenue.
	340	Cox & Gordon Packing Co.....	1019 South Third Street.
	101	Crown Margarin Co.....	3301 Park Avenue.
	211	Fischer Meat Co.....	Union Market; mail, 1301 Lewis Street.
	*357	Heil Packing Co.....	1100 Missouri Avenue.
	*192	Krey Packing Co.....	21st Street and Bremen Ave.
	192 B	Mound City Ice & Cold Storage Co.	Ninth and Branch Streets.
	*166 A	St. Louis Independent Packing Co.	3815 Chouteau Avenue.
		and	
		American Provisions Export Co.	
		Missouri Butterine Co. of St. Louis.	
	*501	Sartorius Provision Co.....	2734 Arsenal Street.
	200	Otto F. Stifel's Union B. Co.....	3145-3151 Michigan Avenue.
	884	Chas. A. Sweet Provision Co.....	813-815 Spruce Street.
	*6 I	Swift & Co.....	3919 Papin Street.
		and	
		The G. H. Hammond Co.	
		The Omaha Packing Co..	
		Plankinton Packing Co.	
		Swift & Co., successors St. Louis Dressed Beef & Provision Co.	
		Western Packing Co.	

\*Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
St. Louis, Mo. (continued)...	244 A	Waldeck Packing Co..... and J. C. C. Waldeck.	Ewing and La Salle Streets.
St. Paul, Minn. ....	*174	J. T. McMillan Co. ....	
(Substation of South St. Paul.)	267	Stoyka's Foods (Inc.)..... and John Stoyka.	739 University Avenue.
Salem, Oreg. ....	*681	Valley Packing Co. ....	
(Substation of Portland, Oreg.)			
Salt Lake City, Utah. ....	2 ZZ	Armour & Co. ....	371 West Fourth Street South.
	*19 E	The Cudahy Packing Co. of Nebraska. and The Cudahy Packing Co.	North Salt Lake City, Utah.
	3 AZ	Swift & Co. ....	336 South Third Street West.
San Antonio, Tex. ....	793	Gebhardt Chili Powder Co. .... and San Antonio Packing Co.	Parral and Medio Streets.
(Substation of Fort Worth, Tex.)			
San Diego, Calif. ....	*203 A	Charles S. Hardy.....	710-722 Sixth Street.
Sandpoint, Idaho. ....	*154	Bonner Meat Co. ....	G. N. Industrial Spur; mail, 101 First Avenue.
San Francisco, Calif. ....	2 Q	Armour & Co. ....	1050 Battery Street.
	140	Convey & Sons.....	11-13 Merchant Street.
	19 J	The Cudahy Packing Co. ....	55 Union Street.
	12 H	Kingan & Co. ....	446 Drumm Street.
	*109	Viriden Packing Co. .... and Moran & Co.	Walker Avenue.
	1 S	Morris & Co. ....	37 Pacific Street.
	*799	C. Swanston & Son. ....	Mail, P. O. box 323 (Sacramento, Calif.).
	3 UU	Swift & Co. ....	Pacific and Davis Streets.
	*72	Western Meat Co. ....	South San Francisco, Calif.
	72 A	.....do.....	666 Sixth Street.
	*618	The Western Laboratories Serum Farm.	(Stockton, Calif.); mail, Twenty-fourth Street and Broadway, Oakland, Calif.
	656	Workman Packing Co. ....	432-452 Seventh Street.
Savannah, Ga. ....	19 L	The Cudahy Packing Co. ....	516 West Harris Street.
(Substation of Augusta, Ga.)	3 JJ	Swift & Co. ....	309 West Broad Street.
Seattle, Wash. ....	2 J	Armour & Co. .... and Hammond Packing Co.	Third Avenue South and Jackson Street.
	*835	Barton & Co. ....	
	835 A	.....do.....	554 First Avenue South.
	467	The Cudahy Packing Co. ....	213-219 Jackson Street.
	*191	Frye & Co. ....	
	3 G	Swift & Co. .... and The G. H. Hammond Co. Union Meat Co.	201-211 Jackson Street

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Shamokin, Pa..... (Substation of Pottsville, Pa.)	428	Shamokin Pure Food Products Co. (Inc.).	301-305 East Commerce Street.
Sharon, Pa..... (Substation of Pitts- burgh, Pa.)	231	Valley Packing & Provision Co.	114 Franklin Street.
Shreveport, La.....	2 AC	Armour & Co. (Ltd.).....	Commerce and Jones Streets.
	19 Y	The Cudahy Packing Co. of Louisiana (Ltd.). and The Cudahy Packing Co.	415 Commerce Street.
	3 Z	Swift & Co. (Ltd.).....	Travis and Commerce Streets.
	20 W	Wilson & Co..... and Wilson & Co. (Inc.) of Louisiana.	318-320 Commerce Street.
Sioux City, Iowa.....	*2 E	Armour & Co..... and The Anglo-American Provision Co. The Colorado Packing & Pro- vision Co. Fowler Packing Co. Halstead & Co. Hammond Packing Co. The New York Butchers' Dressed Meat Co. Prairie State Packing Co. James Wright & Co.	Chambers Street and Floyd River Road; mail, Stock Yards Station.
	*53	The Cudahy Packing Co..... and Pioneer Packing Co.	South of Lerch Street and East of Chambers Street; mail, Stock Yards Station.
	*153	Swift & Co..... and The G. H. Hammond Packing Co.	615 South Chambers Street.
Sioux Falls, S. Dak.....	*17 D	John Morrell & Co.....	Foot Nesmith Avenue.
Smithfield, Va..... (Substation of Norfolk, Va.)	221	P. D. Gwaltney, jr. & Co.....	
	229	V. W. Joyner & Co.....	
Somerville, Mass..... (Substation of Boston, Mass.)	419 B	The Great Atlantic & Pacific Tea Co.	1-24 Fitchburg Street.
	555 G	Hinckley Rendering Co.. ..	Melrose Street.
	*184	New England Dressed Meat & Wool Co.	82 Medford Street.
	*27	North Packing & Provision Co.	37 Medford Street.
	*128	Sturtevant & Haley Beef & Supply Co.	
	3 AM	Swift & Co.....	Do.
	541	Carl A. Weltz.....	67 South Street.
South Bellingham, Mass..... (Substation of Provi- dence, R. I.)	70	Louis Debroisse.....	670 Center Street.
Southboro, Mass..... (Substation of Boston, Mass.)	356	Deerfoot Farm Co.....	

\* Conducts slaughtering.



*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
South St. Joseph, Mo.....	*2 AT	Armour & Co.....	
		and	
		The Anglo-American Provision Co.	
		The Colorado Packing & Provision Co.	
		Fowler Packing Co.	
		Halstead & Co.	
		Hammond Packing Co.	
		The New York Butchers' Dressed Meat Co.	
		Prairie State Packing Co.	
		James Wright & Co.	
South St. Paul, Minn.....	*1 C	Morris & Co.....	
	*3 D	Swift & Co.....	
		and	
		The G. H. Hammond Co.	
		Omaha Packing Co.	
		Plankinton Packing Co.	
		Swift & Co., successors St. Louis Dressed Beef & Provision Co.	
		Western Packing Co.	
		Armour & Co.....	
		and	
		Anglo-American Provision Co.	
		Colorado Packing & Provision Co.	
		Fowler Packing Co.	
		Friedman Manufacturing Co.	
		German-American Provision Co. (Chicago, Ill.)	
		Halstead & Co.	
		Hammond Packing Co.	
		The New York Butchers' Dressed Meat Co.	
		The North American Provision Co.	
		Prairie State Packing Co.	
		James Wright & Co.	
	*95	Farmers' Terminal Packing Co.	(Newport, Minn.)
	403	Feinberg Kosher Sausage Co....	809-811 Lyndale Avenue N (Minneapolis, Minn.).
	*174	J. T. McMillan Co.....	(St. Paul, Minn.)
	267	Stoyka's Foods (Inc.) .....	739 University Avenue (St. Paul, Minn.).
		and	
		John Stoyka.	
	*3 E	Swift & Co.....	
		and	
		The G. H. Hammond Co.	
		Omaha Packing Co.	
		Plankinton Packing Co.	
		Swift & Co., successors St. Louis Dressed Beef & Provision Co.	
		Western Packing Co.	

\*Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Spokane, Wash.....	*680	Armour & Co..... and The Anglo-American Provision Co. The Colorado Packing & Provision Co. Friedman Manufacturing Co. Fowler Packing Co. German American Provision Co. (Chicago, Ill.). Hammond Packing Co. Halstead & Co. The New York Butchers' Dressed Meat Co. The North American Provision Co. Prairie State Packing Co. E. H. Stanton Co. Wabash Packing Co. James Wright & Co.	Virginia and E Streets.
	*224 B	Carstens Packing Co..... and Empire Packing Co.	Broadway and Regal Streets.
	3 AB	Swift & Co..... and Union Meat Co.	
Springfield, Mass.....	2 AN	Armour & Co.....	152 Lyman Street.
	419	The Great Atlantic & Pacific Tea Co.	245 Chestnut Street; mail, P. O. box 1253.
	488	H. L. Handy Co.....	41 Hampden Street.
	755	A. C. Hunt & Co.....	20 Sanford Street.
	1 BB	Morris & Co.....	148 Lyman Street.
	945	George Nye Co.....	130-132 Lyman Street.
	*27 B	Springfield Provision Co.....	
	*555 D	do.....	(Chicopee, Mass.)
	20 AA	Wilson & Co.....	142 Lyman Street.
Stockton, Calif..... (Substation of San Francisco, Calif.)	*618	The Western Laboratories Serum Farm.	Mail, Twenty-fourth and Broadway, Oakland, Calif.
Syracuse, N. Y..... (Substation of Buffalo, N. Y.)	384	Nut Grove Butter Co.....	106 Noxon Street; mail, P. O. box 457, Providence, R. I.
Tacoma, Wash.....	*224	Carstens Packing Co.....	1623 East J Street; mail, P. O. box 1559.
Terre Haute, Ind.....	*823	Home Packing & Ice Co.....	First and Chestnut Streets.
Texarkana, Ark..... (Substation of Texarkana, Tex.)	3 AS	Swift & Co.....	410 East Broad Street.
Texarkana, Tex.....	2 AE	Armour & Co.....	100-110 Spruce Street.
	3 AS	Swift & Co.....	410 East Broad Street (Texarkana, Ark.).
Thorntown, Ind..... (Substation of Indianapolis, Ind.)	*912	Swine Breeders Pure Serum Co..	

\*Conducts slaughtering.

*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Toledo, Ohio.....	*725	Jacob Folger.....	Phillips Avenue.
	*173 A	Hammond, Standish & Co.....	Toledo Union Stock Yards.
Topeka, Kans.....	*205	Allied Packers (Inc.) .....	216-236 North Quincy Street.
		and	
		Parker-Webb Co.	
		Charles Wolff Packing Co.	
	598	Kaw Packing Co .....	400 East Crane Street.
Trenton, N. J.....	2 S	Armour & Co.....	317 North Warren Street.
(Substation of Newark, N. J.)	627	D. M. Bodine.....	32 South Stockton Street.
	*926	A. Horhovit.....	353 Union Street.
	185	Liberty Provision Co.....	631 Franklin Street.
	404	New Jersey Provision Co.....	160 Passaic Street.
	628	W. W. Rose.....	175 Pennington Avenue.
	3 SS	Swift & Co.....	25 Ringgold Street.
	256	The Taylor Provision Co .....	63 Perrine Avenue.
Tuckahoe, N. Y.....	825	Steck & Steck (Inc.).....	
(Substation of New York, N. Y.)			
Union City, Tenn.....	*840	Reynolds Packing Co.....	South Fifth Street.
Upper Preakness, N. J.....	*E69	Reher-Verlegh Packing Corpo- ration.	Mail, 427 West Street, New York, N. Y.
(Substation of Paterson, N. J.)			
Urbana, Ohio.....	*91	Urbana Packing Co.....	Corner Church and Railroad Streets.
Vicksburg, Miss.....	2 AH	Armour & Co.....	Veto and Mulberry Streets.
(Substation of Natchez, Miss.)			
Walla Walla, Wash.....	*130	Walla Walla Meat & Cold Stor- age Co.	Foot Sixth Street.
Waltham, Mass.....	445	Eastern Food Products Corpora- tion.	South Street.
(Substation of Boston, Mass.)			
Washington, D. C.....	2 AB	Armour & Co.....	Cameron and Henry Streets (Alexandria, Va.).
	2 QQ	.....do.....	2-4 Wholesale Row, Center Market.
	*336	N. Auth Provision Co.....	630 Virginia Avenue SW.
	245	The Brewer-Snyder Co. (Inc.)...	119 Third Street SE.
	1013	Capitol Refining Co.....	South Washington, Va.
	19 K	The Cudahy Packing Co.....	203 Seventh Street NW.
	928	Harry B. Denham Co. (Inc.)....	929-931 D Street NW.
	817	Forest Home Farm.....	(Purcellville, Va.)
	832	T. T. Keane Provision Co. (Inc.) and Keane Provision Co.	618 Pennsylvania Avenue and 619-621 B Street NW.; mail, 619 B Street NW.
	12 F	Kingan & Co.....	630 Pennsylvania Avenue NW.
	328	A. Löffler Provision Co. (Inc.).. and The A. Löffler Sausage & Pro- vision Co.	(Benning, D. C.)
	1 AA	Morris & Co.....	629 B Street NW.

\* Conducts slaughtering.



*Meat-inspection establishments, by stations—Continued.*

Station.	No.	Establishment.	Location.
Washington, D. C. (contd.)..	*838 A	Old Dutch Market (Inc.)..... and J. A. Whitfield Co.	622-624 Pennsylvania Ave- nue NW.
	*60	Jos. Phillips Co..... and Jos. Phillips. Jos. Phillips & Co.	10 Wholesale Row, Center Market.
	*287	Rosslyn Packing Co.....	(Rosslyn, Va.)
	3 A K	Swift & Co.....	First and L Streets NE.
	4	S. Swindell & Son.....	Rear 1229 D Street SE.
	*522	Washington Abattoir Co.....	(Benning, D. C.)
	796	R. B. Wildman.....	(Leesburg, Va.)
	20 J	Wilson & Co.....	201 Seventh Street NW
Waterloo, Iowa.....	*186	Rath Packing Co.....	Elm and Sycamore Streets.
Wausau, Wis.....	*1004	Wisconsin Packing Co.....	1009 Town Line Road.
West Chester, Pa..... (Substation of Philadel- phia, Pa.)	*813	A. Darlington Strode.....	
West Orange, N. J..... (Substation of Newark, N. J.)	146	Purity Cross (Inc.).....	11 Central Avenue; mail, Orange, N. J.
Westplains, Mo.....	*924	West Plains Serum Co.....	Springfield Road.
Wheeling, W. Va.....	*204	The C. Kalbitzer Packing Co...	4128 Water Street.
	*960	Paul O. Reymann Co..... and Wilson & Co.	Wetzell and Warren Streets.
	*373	Allied Packers (Inc.)..... and Parker-Webb Co. F. Schenk & Sons Co.	Center and Second Streets, Fulton.
	3 Y	Swift & Co.....	Sixteenth and Eoff Streets.
	*582	George L. Zoeckler.....	112 Bow Street.
Wichita, Kans.....	*202	Cudahy Packing Co..... and Pioneer Packing Co.	North Lawrence Avenue and Twenty-second Street.
	*133	The Jacob Dold Packing Co.....	North Lawrence Avenue and Twenty-first Street.
	*265	United Serum Co.....	Twenty-first Street and Wa- bash Avenue.
Wilmington, Del.....	2 Z	Armour & Co.....	312 West Front Street.
	3 RR	Swift & Co.....	706-708 Lancaster Avenue.
	*54	Wilckens-Staats Co.....	216-218 Tatnall Street.
	*894	Wilmington Provision Co.....	Foot of Orange Street.
	20 BB	Wilson & Co..... and Wilson-Martin Co.	308-310 West Front Street.
Wilmington, N. C.....	2 AL	Armour & Co.....	17-19 Water Street.
	3 AV	Swift & Co.....	307-311 Nutt Street.
Winona, Minn.....	*727	Interstate Packing Co.....	
Woburn, Mass..... (Substation of Boston, Mass.)	157	Michael Lux.....	9 Lynn Street.

\* Conducts slaughtering.

*Meat-inspection establishments, by stations—Concluded.*

Station.	No.	Establishment.	Location.
Woonsocket, R. I. .... (Substation of Providence, R. I.)	3 AU	Swift & Co. ....	212 River Street.
Worcester, Mass. ....	2 X	Armour & Co. ....	219 Summer Street.
	2 AK	.....do. ....	35 Cushing Street (Fitchburg, Mass.).
	418	Elmwood Farm. ....	908 Main Street (Leominster, Mass.).
	3 AH	Swift & Co. .... and The G. H. Hammond Co.	274 Franklin Street.
	*27 A	White, Pevey & Dexter Co. ....	Putnam Lane. (Auburn, Mass.)
Youngstown, Ohio. .... (Substation of Pittsburgh, Pa.)	*555 F	Worcester Rendering Co. ....	248 West Commerce Street.
	2 V	Armour & Co. ....	262-264 Commerce Street.
	3 EE	Swift & Co. ....	
Zion City, Ill. .... (Substation of Chicago, Ill.)	*807	Charles F. Sabine. ....	2702 Twenty-seventh Street.
	892	Zion Institutions and Industries.	2712 Elisha Avenue.
Zionsville, Ind. .... (Substation of Indianapolis, Ind.)	*962	Pitman-Moore Co. ....	Mail, 111-117 North Capitol Avenue, Indianapolis, Ind.

\* Conducts slaughtering.

**MARKET INSPECTION—NAMES AND NUMBERS OF CITIES WHERE MAINTAINED.**

## COVERING INSPECTION OF MEAT AND MEAT FOOD PRODUCTS.

City.	No.	City.	No.
Boston, Mass. ....	1	Philadelphia, Pa. ....	3
Brooklyn, N. Y. ....	31	Portland, Oreg. ....	24
Buffalo, N. Y. ....	18	Providence, R. I. ....	14
Chicago, Ill. ....	7	Quincy, Ill. ....	9
Cincinnati, Ohio. ....	5	St. Louis, Mo. ....	8
Cleveland, Ohio. ....	22	San Francisco, Calif. ....	33
Jersey City, N. J. ....	29	Seattle, Wash. ....	12
Los Angeles, Calif. ....	11	Trenton, N. J. ....	37
Newark, N. J. ....	34	Washington, D. C. ....	20
New Haven, Conn. ....	19	Wheeling, W. Va. ....	44
New Orleans, La. ....	13	Wilmington, Del. ....	43
New York, N. Y. ....	2	Worcester, Mass. ....	30

## MEAT-INSPECTION LABORATORIES.

Meat-inspection laboratories are maintained at the places shown below. Samples for laboratory inspection should be forwarded to the respective laboratories according to the division of territory indicated.

Station.	Address.	Territory covered.
New York, N. Y.....	Mr. W. F. Schroeder, 326 United States Barge Office.	All of Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Is- land, New Jersey, and that part of New York east of the 76th meridian.
Washington, D. C.....	Meat Inspection Division, Bureau of Animal In- dustry.	All of Pennsylvania, Delaware, Maryland, District of Columbia, Virginia, West Vir- ginia, North Carolina, South Carolina, and Georgia; that part of Florida east of the 84th meridian; that part of New York west of the 76th meridian.
Chicago, Ill.....	Mr. C. T. N. Marsh, 4193 South Halsted Street, third floor.	All of Wisconsin and Michigan; that part of Ohio, Illinois, and Indiana north of the 40th parallel.
St. Louis, Mo.....	Mr. C. H. Swanger, Dome of Federal Building, Ninth and Olive Streets.	That part of Ohio, Indiana, and Illinois south of the 40th parallel; all of Kentucky, Ten- nessee, Mississippi, Alabama, Louisiana, Arkansas, and Oklahoma; that part of Missouri east of the 92d meridian; that part of Florida west of the 84th meridian. that part of Texas east of the 99th meridian.
Omaha, Nebr.....	Mr. E. A. Boyer, Federal Building, South Omaha Station.	All of North Dakota, South Dakota, Ne- braska, Minnesota, Iowa, and Wyoming; that part of Montana east of the 110th meridian.
Kansas City, Kans.....	Mr. H. C. Kershner, Federal Building.	All of Kansas, Colorado, and New Mexico; that part of Missouri, west of the 92d me- ridian; that part of Texas west of the 99th meridian.
San Francisco, Calif.....	Mr. A. E. Graham, 45½ Appraiser's Building.	All of Washington, Oregon, California Idaho, Nevada, Utah, and Arizona; that part of Montana west of the 110th meridian.

NOTE.—Substations will be considered as within the same territory as the station to which they are attached.

## PATHOLOGICAL LABORATORIES.

Whenever it is necessary to submit specimens of diseased tissues for examination and diagnosis in connection with the meat-inspection service the inspector in charge will forward the specimens to the one of the following names and addresses nearest his station.

Chicago, Ill.....	Dr. L. Enos Day.....	4193 South Halsted Street.
Denver, Colo.....	Dr. Geo. W. Stiles, Jr.....	444 Post Office Building.
Omaha, Nebr.....	Dr. G. Byron Morse .....	Federal Building, South Omaha Station.
Washington, D. C.....	Bureau of Animal Industry .....	Washington, D. C.



# VIRUS-SERUM CONTROL PLANTS, BY LICENSE NUMBERS.

License number.	Name of plant.	Location of plant.	Station.
2	The Eagle Co.....	286-314 Central Avenue.....	Kansas City, Kans.
2 B	.....do.....	1502 Clinton Street.....	Nashville, Tenn.
3	H. K. Mulford Co.....	Glen Olden, Pa.....	Pearl River, N. Y.
4	The Abbott Laboratories.....	4753 Ravenswood Avenue, Chicago, Ill.	East St. Louis, Ill.
5	Parke, Davis & Co.....	Rochester, Mich.; Atwater and McDougal Streets, Detroit, Mich.	Indianapolis, Ind.
6	Pittman-Moore Co.....	Near Zionsville, Ind.....	Do.
8	Hevner Serum Co.....	Franklin, Nebr.....	Kansas City, Kans.
9	Lederle Antitoxin Laboratories..	Middletown Road.....	Pearl River, N. Y.
10	United Serum Co.....	Twenty-first Street and Wa- bash Avenue.	Wichita, Kans.
11	Sioux Falls Serum Co.....	2000 Wabash Avenue, Sioux Falls, S. Dak.	Sioux City, Iowa.
12	The Royal Serum Co.....	Adams and Osage Streets....	Kansas City, Kans.
17	Beebe Laboratories (Inc.).....	155-163 West Third Street, St. Paul, Minn.	Sioux City, Iowa.
18	The Stock Yards Serum Co.....	211 Central Avenue.....	Kansas City, Kans.
21	Continental Serum Laboratories Co.	Isett Avenue, Muscatine, Iowa.	Ottumwa, Iowa.
23	The Missouri Valley Serum Co..	50 North Second Street.....	Kansas City, Kans.
24	Sihler Serum Co.....	208 Central Avenue.....	Do.
25	Interstate Vaccine Co.....	58 Greystone Avenue.....	Do.
26	Kaw Valley Serum Co.....	115 Greystone Avenue.....	Do.
27	The Simonson Serum Farm.....	Near Hooper, Nebr.....	Omaha, Nebr.
30	Kansas Serum Co.....	Corner Noon and Green Streets, Manhattan, Kans.	Kansas City, Kans.
32	The Standard Serum Co.....	11 South Second Street.....	Do.
34	Peters Serum Co.....	Second Street and Myers Avenue.	Do.
37	Sioux City Serum Co.....	1319 Bluff Road.....	Sioux City, Iowa.
39	Purity Biological Laboratories..	South of Chicago Street.....	Do.
39 A	.....do.....	Corner Chambers and Chicago Streets.	Do.
40	Cedar Rapids Serum Co.....	123 Twenty-third Avenue West, Cedar Rapids, Iowa.	Ottumwa, Iowa.
41	Kinsley Laboratories.....	Rooms 400-406 New Center Building, Fifteenth and Troost Streets, Kansas City, Mo.	Kansas City, Kans.
48	The Swine Breeders' Pure Serum Co.	Near Thornstown, Ind.....	Indianapolis, Ind.
49	Slee Laboratories.....	Swiftwater, Pa.....	Pearl River, N. Y.
52	The Cutter Laboratory.....	Fourth and Parker Streets and Sixth and Grayson Streets.	Berkeley, Calif.
54	Kansas State Agricultural Col- lege, Vaccine Laboratory.	Manhattan, Kans.....	Kansas City, Kans.

*Virus-serum control plants, by license numbers—Continued.*

License number.	Name of plant.	Location of plant.	Station.
56	The Southwestern Serum Co....	308 East Twenty-first Street ..	Wichita, Kans.
61	Guillfoil Serum Co. ....	18-22 North Second Street.....	Kansas City, Kans.
69	Southern Serum Co.....	Springfield Road, Westplains, Mo.	Do.
70	The St. Joseph Veterinary Labo- ratories.	1502 Garfield Avenue, St. Jo- seph, Mo.	Do.
72	Central Missouri Serum Co.....	East Eastwood Avenue, Mar- shall, Mo.	Do.
74	Ralston Serum Co.....	Seventy-eighth Street and Serum Avenue, Ralston, Nebr.	Omaha, Nebr.
77	Corn Belt Serum Co.....	215 Winstanley Avenue.....	East St. Louis, Ill.
78	The University of California.....	Berkeley, Calif. ....	Berkeley, Calif.
83	E. R. Squibb & Sons.....	Georges Road, New Bruns- wick, N. J.	Pearl River, N. Y.
84	Grain Belt Supply Co.....	4901 South Thirty-third Street.	Omaha, Nebr.
85	The Western Laboratories.....	French Camp, Calif. ....	Berkeley, Calif.
91	Gregory Farm Laboratory.....	White Hall, Ill.....	East St. Louis, Ill.
99	The Corn States Serum Co.....	4420 U Street .....	Omaha, Nebr.
102	The Lathrop Serum Co.....	Lathrop, Mo.....	Kansas City, Kans.
103	Fowler Serum Co.....	Second Street and Splitlog Avenue.	Do.
104	Swan-Myers Co.....	219 North Senate Avenue.....	Indianapolis, Ind.
107	Jensen-Salsbery Laboratories (Inc.).	520 West Pennway Avenue, Kansas City, Mo., and near Rosedale, Kans.	Kansas City, Kans.
108	Universal Serum Co. ....	101 St. Clair Avenue.....	East St. Louis, Ill.
110	American Serum Co. ....	2117 Leech Street.....	Sioux City, Iowa.
111	Blue Cross Serum Co.....	Superior, Nebr.....	Kansas City, Kans.
112	Fort Dodge Serum Co.....	Near Fort Dodge and 600½ Central Avenue.	Fort Dodge, Iowa.
114	White Serum Co.....	1317-1319 Adams Street.....	Nashville, Tenn.
115	The Denver Hog Serum Co.....	5030 York Street.....	Denver, Colo.
116	Ottumwa Serum Co.....	Ottumwa, Iowa.....	Ottumwa, Iowa.
117 A	The Kansas Blackleg Serum Co.	Second and Monroe Streets North, Amarillo, Tex.	Wichita, Kans.
119	The Gilliland Laboratories.....	Willow Avenue, Ambler, and Marietta, Pa.	Pearl River, N. Y.
122	The Haver-Glover Laboratories.	317-322 Argyle Building, Kan- sas City, Mo.	Kansas City, Kans.
124	Anchor Serum Co.....	South St. Joseph, Mo.....	Do.
125	Aurora Serum Co.....	Aurora, Ill.....	East St. Louis, Ill.
126	Hamilton Chemical Co.....	Near Noblesville, Ind.....	Indianapolis, Ind.
127	Liberty Laboratories.....	Seventy-seventh and Serum Streets, Ralston, Nebr.	Omaha, Nebr.
130	The E. R. Alexander Clear Se- rum Co.	2109 Grand Avenue, Kansas City, Mo.	Kansas City, Kans.
131	The Fostoria Serum Co.....	Columbus Avenue, Fostoria, Ohio.	Indianapolis, Ind.
132	University of Illinois.....	Urbana, Ill.....	Do.
133	The National Vaccine & Serum Co.	501 East Las Vegas Street, Colorado Springs, Colo.	Denver, Colo.

*Virus-serum control plants, by license numbers—Concluded.*

License number.	Name of plant.	Location of plant.	Station.
134	Dr. D. L. Harris's Laboratory...	706 Metropolitan Building, 508 North Grand Avenue, St. Louis, Mo.	East St. Louis, Ill.
137	Manhattan Serum Co.....	Fairmont Addition, Manhattan, Kans.	Kansas City, Kans.
138	The Pasteur Laboratories of America.	366-368 West Eleventh Street, New York, N. Y.	Pearl River, N. Y.
143	The Johnson Serum Co.....	Crane and Jefferson Sts., Topeka, Kans.	Kansas City, Kans.
145	West Plains Serum Co.....	Springfield Road, Westplains, Mo.	Do.
148	Zell-Straub Laboratories.....	1611 Masonic Temple, Chicago, Ill.	East St. Louis, Ill.
149	National Single Bled Serum Co..	Near Plainfield, Ind.....	Indianapolis, Ind.
151	The Salt City Serum Co.....	Fourth and Grand Avenue, Hutchinson, Kans.	Wichita, Kans.
153	The Quality Biologic Co.....	86-88 North James Street, Kansas City, Kans.	Kansas City, Kans.
154	Rex Serum & Vaccine Co.....	West of Lake and Alabama Avenues, St. Joseph, Mo.	Do.
155	Utah Serum Co.....	Wilson Lane.....	Ogden, Utah.
156	The Brawner Serum Co.....	Converse, Mo.....	Kansas City, Kans.
158	Globe Laboratories.....	Fostepco Heights.....	Fort Worth, Tex.
159	Albany Serum Co.....	Third and Front Streets.....	Albany, Ga.
160	Ohio Vaccine Co.....	Columbus, Ohio.....	Indianapolis, Ind.
162	The Monarch Laboratories.....	602-607 Massachusetts Building, Kansas City, Mo.	Do.
163	The Fidelity Supply Co.....	1837 West Hickory Street.....	Oklahoma, Okla.
164	Goshen Laboratories (Inc.).....	34 Johns Street, Goshen, N. Y.	Pearl River, N. Y.
165	American Scientific Laboratories (Inc.).	157 West Kenzie Street, Chicago, Ill.	East St. Louis, Ill.
166	Platte Valley Serum Co.....	Grand Island, Nebr.....	Grand Island, Nebr.
167	United States Standard Products Co.	Near Woodworth, Wis.....	Indianapolis, Ind.
168	Peerless Serum Co.....	Kansas City, Kans.....	Kansas City, Kans.
169	Cotton States Serum Co.....	Franklin & Jefferson Streets..	Grenada, Miss.
170	Atlas Serum Co.....	South St. Joseph, Mo.....	Kansas City, Kans.
171	Frank M. Gallivan.....	1635 Maury Street, Des Moines, Iowa.	Fort Dodge, Iowa.



# VIRUS-SERUM CONTROL PLANTS, BY STATIONS.

Station.	License number.	Name of plant.	Location of plant.
Albany, Ga.....	159	Albany Serum Co.....	Third and Front Streets.
Berkeley, Calif.....	52	The Cutter Laboratory.....	Parker and Sixth and Grayson Streets.
	78	The University of California.....	Berkeley, Calif.
	85	The Western Laboratories.....	French Camp, Calif.
Denver, Colo.....	115	The Denver Hog Serum Co.....	5030 York Street.
	133	The National Vaccine & Serum Co.	501 East Las Vegas Street, Colorado Springs, Colo.
East St. Louis, Ill.....	4	The Abbott Laboratories.....	4753 Ravenswood Avenue, Chicago, Ill.
	165	American Scientific Laboratories (Inc.).	157 West Kenzie Street, Chicago, Ill.
	125	Aurora Serum Co.....	Aurora, Ill.
	77	Corn Belt Serum Co.....	215 Winstanley Avenue.
	91	Gregory Farm Laboratory.....	White Hall, Ill.
	134	Dr. D. L. Harris's Laboratory..	706 Metropolitan Building, 508 North Grand Avenue, St. Louis, Mo.
	108	Universal Serum Co.....	101 St. Clair Avenue.
	148	Zell-Straub Laboratories .....	1611 Masonic Temple, Chicago, Ill.
Fort Dodge, Iowa.....	112	Fort Dodge Serum Co.....	Near Fort Dodge and 600½ Central Avenue.
	171	Frank M. Galilvan.....	1635 Maury Street, Des Moines, Iowa.
Fort Worth, Tex.....	158	Globe Laboratories .....	Postepco Heights.
Grand Island, Nebr.....	166	Plate Valley Serum Co.....	West Second Street Road.
Grenada, Miss.....	169	Cotton States Serum Co.....	Franklin and Jefferson Streets.
Indianapolis, Ind.....	131	The Fostoria Serum Co.....	Columbus Avenue, Fostoria, Ohio.
	126	Hamilton Chemical Co.....	Near Noblesville, Ind.
	160	The Ohio Vaccine Co .....	Columbus, Ohio.
	149	National Single Bled Serum Co..	Near Plainfield, Ind.
	5	Parke, Davis & Co.....	Rochester, Mich., and Atwater and McDougall Streets, Detroit, Mich.
	6	Pitman-Moore Co.....	Near Zionsville, Ind.
	104	Swan-Myers Co .....	219 North Senate Avenue.
	48	The Swine Breeders' Pure Serum Co.	Near Thorntown, Ind.
	167	United States Standard Products Co.	Near Woodworth, Wis.
	132	University of Illinois.....	Urbana, Ill.
Kansas City, Kans .....	130	The E. R. Alexander Clear Serum Co.	2109 Grand Avenue, Kansas City, Mo.
	124	Anchor Serum Co.....	South St. Joseph, Mo.

*Virus-serum control plants, by stations—Continued.*

Station.	License number.	Name of plant.	Location of plant.
Kansas City, Kans. (contd.)..	170	Atlas Serum Co.....	South St. Joseph, Mo.
	111	Blue Cross Serum Co.....	Superior, Nebr.
	156	The Brawner Serum Co.....	Converse, Mo.
	72	Central Missouri Serum Co.....	East Eastwood Avenue, Marshall, Mo.
	2	The Eagle Co.....	286-314 Central Avenue.
	103	Fowler Serum Co.....	Second Street and Splitlog Avenue.
	61	Guilfoil Serum Co.....	18-22 North Second Street.
	122	The Haver-Glover Laboratories.	317-325 Argyle Building, Kansas City, Mo.
	8	Hevner Serum Co.....	Franklin, Nebr.
	25	Interstate Vaccine Co.....	58 Greystone Avenue.
	107	Jensen-Salsbery Laboratories (Inc.).	520 West Pennway Avenue, Kansas City, Mo., and near Rosedale, Kans.
	143	The Johnson Serum Co.....	Crane and Jefferson Streets, Topeka, Kans.
	30	Kansas Serum Co.....	Corner Noon and Green Streets, Manhattan, Kans.
	54	Kansas State Agricultural College Vaccine Laboratories.	Manhattan, Kans.
	26	Kaw Valley Serum Co.....	115 Greystone Avenue.
	41	Kinsley Laboratories.....	Rooms 400-406 New Center Building, Fifteenth and Troost Streets, Kansas City, Mo.
	102	The Lathrop Serum Co.....	Lathrop, Mo.
	137	Manhattan Serum Co.....	Fairmont Addition, Manhattan, Kans.
	23	The Missouri Valley Serum Co..	50 North Second Street.
	162	The Monarch Laboratories.....	601-607 Massachusetts Building, Kansas City, Mo.
	168	Peerless Serum Co.....	Northwest corner Lyons Avenue and Water Street.
	34	Peters Serum Co.....	Second Street and Myers Avenue.
	153	The Quality Biologic Co.....	86-88 North James Street.
	154	Rex Serum and Vaccine Co.....	West of Lake and Alabama Avenues, St. Joseph, Mo.
	12	The Royal Serum Co.....	Adams and Osage Streets.
	70	The St. Joseph Veterinary Laboratories.	1502 Garfield Avenue, St. Joseph, Mo.
	24	Sihler Serum Co.....	208 Central Avenue.
	69	Southern Serum Co.....	Springfield Road, West-plains, Mo.
	32	The Standard Serum Co.....	11 South Second Street.
	18	The Stock Yards Serum Co.....	211 Central Avenue.
	145	West Plains Serum Co.....	Springfield Road, West-plains, Mo.
	161	The Westport Laboratories.....	4644 Troost Avenue, Kansas City, Mo.
Nashville, Tenn.....	2 B	The Eagle Co.....	1502 Clinton Street.
	114	White Serum Co.....	1317-1319 Adams Street.

*Virus-serum control plants, by stations—Concluded.*

Station.	License number.	Name of plant.	Location of plant.
Ogden, Utah.....	155	Utah Serum Co.....	Wilson Lane.
Oklahoma, Okla.....	163	The Fidelity Supply Co.....	1837 West Hickory Street.
	120	The United States Blackleg Serum Co.	3500 West Tenth Street.
Omaha, Nebr.....	99	The Corn States Serum Co.....	4420 U Street.
	84	Grain Belt Supply Co.....	4901 Thirty-third Street.
	127	Liberty Laboratories.....	Seventy-seventh and Serum Streets, Ralston, Nebr.
	74	Ralston Serum Co.....	Seventy-eighth Street and Serum Avenue, Ralston, Nebr.
	27	The Simonson Serum Farm....	Near Hooper, Nebr.
Ottumwa, Iowa.....	40	Cedar Rapids Serum Co.....	123 Twenty-third Avenue West, Cedar Rapids, Iowa.
	21	Continental Serum Laboratories Co.	Isett Avenue, Muscatine, Iowa.
	116	Ottumwa Serum Co.....	Ottumwa, Iowa.
Pearl River, N. Y.....	119	The Gilliland Laboratories.....	Willow Avenue, Ambler and Marietta, Pa.
	164	Goshen Laboratories (Inc.).....	34 Johns Street, Goshen, N. Y.
	9	Lederle Antitoxin Laboratories..	Middletown Road.
	3	H. K. Mulford Co.....	Glen Olden, Pa.
	138	The Pasteur Laboratories of America.	366-368 West Eleventh Street, New York, N. Y.
	49	Slee Laboratories.....	Swiftwater, Pa.
	83	E. R. Squibb & Sons.....	Georges Road, New Brunswick, N. J.
Sioux City, Iowa.....	110	American Serum Co.....	2117 Leech Street.
	17	Beebe Laboratories (Inc.).....	155-163 West Third Street, St. Paul, Minn.
	39	Purity Biological Laboratories..	South of Chicago Street.
	39 A	.....do.....	Corner Chambers and Chicago Streets.
	37	Sioux City Serum Co.....	1319 Bluff Road.
	11	Sioux Falls Serum Co.....	2000 Wabash Avenue, Sioux Falls, S. Dak.
Wichita, Kans.....	117 A	The Kansas Blackleg Serum Co.	Second and Monroe Streets North, Amarillo, Tex.
	151	The Salt City Serum Co.....	Fourth and Grand Avenue, Hutchinson, Kans.
	56	The Southwestern Serum Co....	308 East Twenty-first Street.
	10	United Serum Co.....	Twenty-first Street and Wabash Avenue.



## ADDRESS LIST OF OFFICIALS IN CHARGE, AND OTHERS.

Name.	Address.	City and State.
Allen, Dr. L. H.....	Care Home Packing and Ice Co.....	Terre Haute, Ind.
Allen, Dr. Leslie J.....	501-503 Continental Building.....	Oklahoma, Okla.
Anderson, Dr. M. O.....	633-634 Live Stock Exchange Building.....	South St. Paul, Minn.
Atherton, Dr. I. K.....	Care Extension Division State College.....	College Park, Md.
Aufente, Dr. J. R.....	Care Reynolds Packing Co.....	Union City, Tenn.
Aune, Mr. Beyer.....	Belle Fourche Experiment Farm.....	Newell, S. Dak.
Barger, Dr. J. A.....	605 Millsaps Building, corner Capitol and Roach Streets.	Jackson, Miss.
Barnhard, Dr. E. P.....	Care Schaffner Bros. Co., Fifteenth between Ash and Wayne Streets.	Erie, Pa.
Barthold, Dr. E. W.....	Care George A. Hormel & Co.....	Austin, Minn.
Baumann, Dr. E. H.....	25 Holland Building, 17 Steuben Street.....	Albany, N. Y.
Behnke, Dr. A. E.....	423 Federal Building.....	Milwaukee, Wis.
Benson, Dr. C. O.....		Beecher Falls, Vt.
Biles, Dr. Wm. F.....	605-606 McClure Building, Main and St. Clair Streets.	Frankfort, Ky.
Bingham, Dr. F. S.....	Care Chas. Wolff Packing Co.....	Topeka, Kans.
Blackwell, Dr. J. E.....	Care The Hull & Dillon Packing Co.....	Pittsburg, Kans.
Boyer, Mr. E. A.....	Federal Building, South Omaha Station.....	Omaha, Nebr.
Brandon, Mr. B. F.....	U. S. Experiment Station.....	Beltsville, Md.
Bray, Dr. T. A.....	305-306 Caples Building.....	El Paso, Tex.
Brookbank, Dr. R. E.....	418 Lyric Building.....	Richmond, Va.
Brougham, Dr. J. J.....	Dome of Federal Building, Eighth and Olive Streets.	St. Louis, Mo.
Brown, Dr. H. E.....	Care Springfield Provision Co., Brightwood....	Springfield, Mass.
Brown, Mr. H. L.....	Care Georgia State College of Agriculture.....	Athens, Ga.
Brown, Dr. J. R.....	Care E. Bucher Packing Co.....	Cairo, Ill.
Bryant, Mr. Levi.....	Care Swift & Co. (Ltd.).....	Shreveport, La.
Burt, Dr. S. W.....	West Toledo Station.....	Toledo, Ohio.
Busman, Dr. Herman.....	Federal Building, South Omaha Station.....	Omaha, Nebr.
Butler, Dr. G. W.....	323 Federal Building.....	Indianapolis, Ind.
Butterfield, Dr. L. C.....	Care Nevada Packing Co.....	Reno, Nev.
Canfield, Dr. C. H.....	822 Wall Street.....	Port Huron, Mich.
Carnachan, Dr. T. W.....	Care Cheshire Beef & Produce Co.....	Keene, N. H.
Carpenter, Mr. A. H.....	Care The Proctor & Gamble Co., Hazel Street.	Macon, Ga.
Carter, Dr. E. H.....	5030 York Street.....	Denver, Colo.
Cary, Dr. E. F.....	1310 Adams Street.....	Nashville, Tenn.
Casper, Dr. A. M.....	Care T. M. Sinclair & Co. (Ltd.).....	Cedar Rapids, Iowa.
Castle, Mr. C. V.....		Delhi, Calif.
Catala, Dr. Juan Varas.....		San Juan, P. R.
Chambers, Mr. C. L.....	Care College of Agriculture.....	Stillwater, Okla.
Christianson, Dr. O. A.....	210 Bellview Street.....	Menominee, Mich.
Clancy, Dr. J. B.....	Care Powers-Begg & Co.....	Jacksonville, Ill.

*Address list of officials in charge, and others—Continued.*

Name.	Address.	City and State.
Clark, Dr. J. S.....	Care Cotton States Serum Co., P. O. box 347..	Grenada, Miss.
Clement, Dr. C. B.....	1837 West Hickory Street.....	Oklahoma, Okla.
Clevenger, Mr. W. L.....	Care College of Agriculture.....	Knoxville, Tenn.
Cloud, Dr. Joel E.....	219 Federal Building.....	San Diego, Calif.
Cohenour, Dr. H. H.....	349 Federal Building.....	Bismarck, N. Dak.
Cole, Dr. G. T.....	Care Moultrie Packing Co.....	Moultrie, Ga.
Collins, Dr. F. H.....	402 Post Office Building.....	Chattanooga, Tenn.
Conley, Dr. C. C.....	308 Federal Building.....	Burlington, Vt.
Conway, Dr. W. T.....	Care Sperry & Barnes Co., Long Wharf.....	New Haven, Conn.
Cowie, Dr. Charles.....	.....	Ogdensburg, N. Y.
Cramer, Mr. A. J.....	Care College of Agriculture.....	Madison, Wis.
Crossman, Dr. E. A.....	2001-2002 Customhouse Building.....	Boston, Mass.
Culbert, Dr. R. W.....	220 Federal Building.....	Spokane, Wash.
Curtice, Dr. Cooper.....	R. F. D. 2.....	Vienna, Va.
Dallas, Dr. J. T.....	310 State House; mail, P. O. box 355.....	Cheyenne, Wyo.
Davenport, Dr. M. L.....	Care Fergus Cooperative Packing Co.....	Fergus Falls, Minn.
Davis, Dr. L. E.....	P. O. box 935 (office in Annex, State House) ..	Columbus, Ohio.
Davison, Dr. E. T.....	.....	Athenia, N. J.
Day, Dr. H. H.....	230 Federal Building, South Omaha Station...	Omaha, Nebr.
Day, Dr. L. Enos.....	4193 South Halsted Street.....	Chicago, Ill.
Deadman, Dr. J. F.....	.....	Sault Ste. Marie, Mich.
De Fosset, Dr. A. J.....	Care Commissioner of Agriculture, State House.	Montpelier, Vt.
Deisel, Dr. C. H.....	Care W. C. Routh & Co.....	Logansport, Ind.
Dell, Dr. H. H.....	P. O. box 236 (office at Corn Belt Packing Co.)	Dubuque, Iowa.
Deming, Dr. C. W.....	Care Iowa Packing Co., P. O. box 1476.....	Des Moines, Iowa.
Dickey, Dr. E. S.....	Care John Morrell & Co.....	Sioux Falls, S. Dak.
Digman, Dr. R. J.....	Care Oscar Mayer & Co.....	Madison, Wis.
Dodd, Dr. W. E.....	Old State House.....	Little Rock, Ark.
Donegan, Mr. W. A.....	P. O. box 453 (office at Acme Packing Co.)...	Green Bay, Wis.
Dorman, Mr. J. E.....	318 Federal Building.....	Salt Lake City, Utah.
Durham, Dr. E. P.....	326 Federal Building.....	Do.
Edwards, Mr. L. S.....	.....	Tupelo, Miss.
Elliott, Dr. C. L.....	Care Interstate Packing Co.....	Winona, Minn.
Elliott, Dr. D. D.....	.....	Clemson College, S. C.
Elwell, Dr. F. N.....	29 Live Stock Exchange Building.....	Wichita, Kans.
Evans, Dr. A. E.....	Care Hansen Packing Co.....	Butte, Mont.
Everly, Dr. O. W.....	44 Federal Building.....	Columbus, Ohio.
Ewers, Dr. J. E.....	Care Yellowstone Packing Co., P. O. box 1322.	Billings, Mont.
Ewers, Dr. S. V.....	P. O. box 245 (office, Hagan & Cushing Co.)...	Moscow, Idaho.
Exline, Dr. J. C.....	203 Federal Building, P. O. box 304.....	Olympia, Wash.
Famous, Dr. G. W.....	19 Hamilton Street.....	Allentown, Pa.
Farnham, Mr. F. R.....	Care Extension Department.....	West Raleigh, N. C.
Fish, Dr. James G.....	P. O. box 467 (office, 19 Lewis State Bank Building, South Monroe Street).	Tallahassee, Fla.
Fleming, Dr. James.....	23 Federal Building.....	Kansas City, Kans.
Foster, Dr. S. B.....	528 Post Office Building.....	Portland, Oreg.
Fotheringham, Dr. Wm.....	Care Drummond Packing Co.....	Eau Claire, Wis.

*Address list of officials in charge, and others—Continued.*

Name.	Address.	City and State.
Franzmann, Dr. Peter A.....	Care Kohrs Packing Co.....	Davenport, Iowa.
Fretz, Dr. W. J.....	1020 Commerce Building.....	St. Paul, Minn.
Fry, Dr. H. L.....	P. O. box 725.....	Jackson, Miss.
George, Dr. H. H.....	535-537 Federal Building.....	Cleveland, Ohio.
Gillies, Dr. D. R.....	Live Stock Exchange Annex.....	South St. Joseph, Mo.
Gooch, Dr. B. F.....	Care The Nuckolls Packing Co.....	Pueblo, Colo.
Graefe, Dr. H. M.....	22 Federal Building.....	Topeka, Kans.
Grafke, Dr. Harry.....	2001 F. & M. Bank Building.....	Fort Worth, Tex.
Graham, Mr. A. E.....	45½ Appraiser's Building.....	San Francisco, Calif.
Graham, Dr. Ralph.....	P. O. box 59 (office, 9 Federal Building).....	Jefferson City, Mo.
Green, Dr. L. K.....	Care E. W. Penley.....	Auburn, Me.
Greene, Mr. S. W.....	Mississippi Coastal Plain Experiment Station.....	McNeill, Miss.
Grove, Dr. J. S.....	215 Exchange Building, Stock Yards Station.....	Oklahoma, Okla.
Hamilton, Mr. T. B.....	Live Stock Exchange Building.....	National Stock Yards, Ill.
Hansen, Mr. Dan.....	Care Experiment Station.....	Huntley, Mont.
Harrington, Dr. C. F.....	Room 507, Continental Building.....	Oklahoma, Okla.
Harris, Mr. J. M.....	P. O. box 465 (office at Armour & Co., 226 Water Street).	Norfolk, Va.
Hart, Dr. C. P.....	P. O. box 1 (office at 204 Federal Building)....	Morristown, Tenn.
Haskin, Dr. E. B.....	133 State House.....	Indianapolis, Ind.
Haven, Dr. E. F.....	Care Armour & Co., Talleyrand Avenue.....	Jacksonville, Fla.
Haworth, Dr. F. E.....	P. O. box 445 (office at Henneberry & Co., South Summit Street).	Arkansas City, Kans.
Hays, Dr. C. H.....	332 Federal Building.....	Lincoln, Nebr.
Healy, Dr. J. S.....	11 East State Capitol.....	Madison, Wis.
Hedrick, Dr. H. A.....	102-104 Customhouse Building.....	Baltimore, Md.
Henderson, Dr. Edwin P.....	Care Houlton Dressed Meat Co.....	Houlton, Me.
Hern, Mr. Fred.....	Care Swift & Co., 464 Water Street.....	Bridgeport, Conn.
Herrold, Dr. C. H.....	First and Ellsworth Streets (office at Est. 239).....	La Fayette, Ind.
Hicks, Dr. H. H.....	501 Customhouse Building.....	San Francisco, Calif.
Hill, Dr. J. B.....	P. O. box 248.....	Bristol, Va.
Hirleman, Dr. A. L.....	Care State Veterinarian, State House.....	Atlanta, Ga.
Hollenbeck, Dr. J. B.....	Care Live Stock Sanitary Board, Bismarck Bank Building.	Bismarck, N. Dak.
Horne, Dr. S. J.....	528 Federal Building.....	Atlanta, Ga.
Howe, Dr. W. E.....	444 Post Office Building.....	Denver, Colo.
Huffman, Dr. Pleasant J.....	Care Urbana Packing Co.....	Urbana, Ohio.
Hughes, Dr. A. N.....	12 Exchange Building, Union Stock Yards.....	Peoria, Ill.
Hurley, Mr. John.....	Care Swift & Co., Depot and Franklin Streets..	Manchester, N. H.
Hutchinson, Dr. E. N.....	.....	Ferndale, Wash.
Hutton, Mr. James.....	.....	Buffalo, Wyo.
Imes, Dr. Marion.....	23 Federal Building.....	Kansas City, Kans.
Imler, Dr. F. A.....	19 Federal Building.....	Do.
Ingraham, Dr. H. C.....	Care Bonner Meat Co.....	Sandpoint, Idaho.
Irons, Dr. G. T.....	504 Post Office Building.....	Los Angeles, Calif.



*Address list of officials in charge, and others—Continued.*

Name.	Address.	City and State.
Jackson, Dr. Roy E.....	44 P. O. Building.....	Birmingham, Ala.
Jelen, Dr. Frank.....	Stock Yards Station.....	Cincinnati, Ohio.
Jenison, Dr. J. S.....	Live Stock Exchange Building.....	National Stock Yards, Ill.
Jennings, Mr. W. E.....	Care S. D. Chamberlin & Sons, 179 State Street.....	Hartford, Conn.
Jerdan, Mr. S. S.....	.....	Jonesboro, Ark.
Johnson, Dr. J. B.....	524 Customhouse Building.....	Louisville, Ky.
Johnston, Dr. C. A.....	P. O. box 254 (office, 79 Federal Building).....	Walla Walla, Wash.
Johnston, Dr. James.....	1 Federal Building.....	Alton, Ill.
Jordan, Mr. H. C.....	College of Agriculture.....	East Lansing, Mich.
Joss, Dr. E. C.....	530 Post Office Building.....	Portland, Oreg.
Joss, Dr. J. W.....	327 Federal Building.....	East St. Louis, Ill.
Kaller, Dr. W. C.....	P. O. box 333 (office at 112 North Commerce Street).	Natchez, Miss.
Kay, Dr. G. A.....	Care Morton-Gregson Co.....	Nebraska City, Nebr.
Kelly, Dr. J. S.....	Care Carstens Packing Co.....	Tacoma, Wash.
Kennedy, Dr. E. D.....	220 Federal Building.....	Ogden, Utah.
Kerr, Dr. C. L. E.....	Care Morris & Co.....	Memphis, Tenn.
Kershner, Mr. H. C.....	Federal Building.....	Kansas City, Kans.
Ketchum, Dr. F. D.....	31-33 Exchange Building, Union Stock Yards.....	Wichita, Kans.
King, Dr. S. A.....	P. O. box 505.....	Knoxville, Tenn.
Kitzhofer, Dr. J. H.....	Care Hatley Bros. Co.....	New Richmond, Wis.
Klein, Dr. C. A.....	Care Albany Serum Co., P. O. box 121.....	Albany, Ga.
Ladson, Dr. T. A.....	825 Fidelity Building.....	Baltimore, Md.
Lapple, Dr. E.....	Care Utah Serum Co., Wilson Lane.....	Ogden, Utah.
Leonard, Dr. H. B.....	122 State Street.....	Albany, N. Y.
Lewis, Dr. W. K.....	901-902 Liberty National Bank Building.....	Columbia, S. C.
Lintner, Dr. J. J.....	316 Live Stock Exchange Building, Union Stock Yards.....	Chicago, Ill.
Lollar, Dr. E. E.....	P. O. box 286 (office Federal Building).....	Grand Island, Nebr.
Long, Dr. Albert.....	4-5 Court Square.....	Brooklyn, N. Y.
Loomis, Dr. F. J.....	.....	Watertown, N. Y.
Lovejoy, Dr. J. E.....	Federal Building.....	Augusta, Ga.
Luce, Mr. N. E.....	.....	Glendale, Ariz.
Lyons, Dr. L. E.....	P. O. box 445 (office, 14 Lewis State Bank Building, South Monroe Street).	Tallahassee, Fla.
McBride, Dr. Archibald.....	24 Post Office Building.....	Paterson, N. J.
McCaslin, Mr. B. L.....	Care Morris & Co., Elm and Mulberry Streets.....	Helena, Ark.
McConnell, Dr. W. K.....	Care Wisconsin Packing Co.....	Wausau, Wis.
McCormack, Dr. B.....	Care White Serum Co., 1317-1319 Adams Street.....	Nashville, Tenn.
McDonald, Dr. James.....	18 Federal Building.....	Springfield, Ill.
McDonald, Dr. W. A.....	312 Gazette Building.....	Little Rock, Ark.
MacKellar, Dr. W. M.....	P. O. box 338 (office, 212 Federal Building).....	Sacramento, Calif.
McWhorter, Mr. V. O.....	.....	Dubois, Idaho.
Madsen, Dr. Jens.....	557 Central Building.....	Seattle, Wash.
Marlatt, Mr. L. H.....	Care College of Agriculture.....	Athens, Ga.
Marsh, Mr. C. T. N.....	4193 South Halsted Street.....	Chicago, Ill.
Marsh, Dr. E. T.....	Care Globe Laboratories, P. O. box 37, Stock Yards Station.....	Fort Worth, Tex.
Marshall, Dr. Henry.....	223 Federal Building.....	Richmond, Va.

*Address list of officials in charge, and others—Continued.*

Name.	Address.	City and State.
Martins, Dr. A. F.....	1094 Broad Street.....	Newark, N. J.
Meadors, Dr. W. H.....	Care Birmingham Packing Co.....	Birmingham, Ala.
Metsker, Dr. Louis.....	Care The Evansville Packing Co.....	Evansville, Ind.
Middleton, Dr. W. G.....	401 Wilkinson Building, 203 East State Street.....	Trenton, N. J.
Millen, Dr. C. J.....	Care Jacob E. Decker & Sons.....	Mason City, Iowa.
Miller, Dr. Chester.....	Care Elliott & Co.....	Duluth, Minn.
Miller, Dr. F. G.....	8 Federal Building.....	Lewiston, Idaho.
Miller, Dr. Joshua.....	Care Fred Eckart Packing Co.....	Fort Wayne, Ind.
Morse, Dr. G. Byron.....	Federal Building, South Omaha Station.....	Omaha, Nebr.
Moseley, Mr. T. W.....	Care Experiment Station.....	Huntley, Mont.
Moser, Mr. Geo. C.....	800 Live Stock Exchange.....	Kansas City, Mo.
Mullings, Dr. R. M.....	6 Federal Building.....	Jersey City, N. J.
Murray, Dr. F. E.....	326 Federal Building.....	Salt Lake City, Utah.
Neff, Dr. G. W.....	P. O. box 33.....	Charleston, W. Va.
Neil, Dr. W. N.....	Drovers' National Bank Building, Forty-second and Halsted Streets.	Chicago, Ill.
Newman, Dr. R. R.....	P. O. Box 254 (office at the Pearl Packing House, 710 North West Street).	Madison, Ind.
Newton, Dr. H. M.....	722-723 State Office Building.....	Lansing, Mich.
Nichols, Mr. W. B.....	P. O. box 403 (office at Swift & Co.).....	Fort Smith, Ark.
Niles, Dr. W. B.....		Ames, Iowa.
Noll, Mr. E. J.....	Care Meyer Bros., corner Lowell and Frederick Streets.	Ironwood, Mich.
Norris, Dr. C. L.....	218 Live Stock Exchange Building.....	Fort Worth, Tex.
Nutt, Dr. R. H.....	Care Eckert Packing Co., P. O. box 272.....	Henderson, Ky.
O'Leary, Dr. J. P.....	P. O. box 586.....	Pearl River, N. Y.
Osborn, Dr. W. F.....	Care Chipley Packing Co.....	Chipley, Fla.
Owen, Dr. Frank D.....	P. O. box 615.....	Raleigh, N. C.
Owen, Dr. T. M.....	P. O. box 465 (office at 305 Bankers Trust Building).	Norfolk, Va.
Pace, Dr. John C.....		Calexico, Calif.
Page, Dr. S. M.....	(Office at The Williams Live Stock Co.).....	Hallstead, Pa.
Palmer, Dr. C. F.....	306 Federal Building.....	Houston, Tex.
Parker, Dr. J. B.....		Laurens, S. C.
Paxton, Dr. Geo. M.....	603-604 Roumain Building.....	Baton Rouge, La.
Payne, Dr. C. F.....	303 Live Stock Exchange Building.....	Denver, Colo.
Perry, Dr. M. T.....	Care White, Pevey & Dexter Co.....	Worcester, Mass.
Potter, Mr. H. G.....	Care Armour & Co.....	Texarkana, Tex.
Potter, Dr. H. T.....	Federal Building.....	Calais, Me.
Purcell, Dr. J. T.....	Care Department of Agriculture, Capitol.....	Madison, Wis.
Quesenberry, Mr. J. R.....	Care Iberia Live-Stock Experiment Farm.....	Jeanerette, La.
Quinn, Dr. P. E.....	P. O. box 327 (office at Pa. State B. A. I., Fourth and North Streets.)	Harrisburg, Pa.

*Address list of officials in charge, and others—Continued.*

Name.	Address.	City and State.
Reese, Mr. H. H.....	United States Morgan Horse Farm.....	Middlebury, Vt
Reidy, Dr. J. B.....	Care Live Stock Sanitary Commissioner .....	Augusta, Me.
Repp, Dr. G. E.....	220 Tatnall Street.....	Wilmington, Del.
Rich, Dr. T. S.....	722-723 State Office Building.....	Lansing, Mich.
Rishel, Dr. A. E.....	140 Customhouse Building.....	New York, N. Y.
Robbins, Dr. Hartwell.....	204 Federal Building.....	Washington, N. C.
Rochester, Mr. W. H.....	.....	Agricultural College, Miss.
Rothermel, Dr. R. O.....	Care Reading Abattoir Co., Third and Pine Streets.	Reading, Pa.
Ryder, Dr. J. F.....	2001-2002 Customhouse Building.....	Boston, Mass.
Schaffter, Dr. E. P.....	408 Post Office Building.....	Detroit, Mich.
Schaufier, Dr. C. A.....	520 Walnut Street.....	Philadelphia, Pa.
Schneider, Dr. C. E.....	Care Albert Lea Packing Co.....	Albert Lea, Minn.
Schneider, Dr. C. P.....	230 Exchange Building, Stock Yards Station.	Sioux City, Iowa.
Schneider, Dr. F. L.....	P. O. box 464; office, 1-3 City Hall.....	Albuquerque, N. Mex.
Schroeder, Dr. E. C.....	.....	Bethesda, Md.
Schroeder, Mr. W. F.....	326 United States Barge Office.....	New York, N. Y.
Swab, Dr. M. E.....	Care Northern Packing Co.....	Grand Forks, N. Dak.
Searles, Mr. H. C.....	.....	Fond du Lac, Wis.
Shafer, Mr. J. C.....	Care Swift & Co.....	Cumberland, Md.
Shaffer, Mr. H. L.....	335 Customhouse Building.....	Wilmington, N. C.
Shelton, Dr. J. E.....	Care Rath Packing Co.....	Waterloo, Iowa.
Shepherd, Mr. J. B.....	Ardmore Field Station.....	Ardmore, S. Dak.
Shipley, Dr. T. A.....	Exchange Building, Stock Yards Station.....	Sioux City, Iowa.
Shumway, Dr. D. G.....	.....	Rouses Point, N. Y.
Siegmund, Dr. W. C.....	Care Swift & Co.....	Harrisburg, Pa.
Smith, Dr. A. N.....	92 Presumpscot Street, Woodfords Station..	Portland, Me.
Smith, Dr. E. I.....	405 Seventh Avenue North.....	Nashville, Tenn.
Smith, Dr. R. L.....	Care Commissioner on Domestic Animals .....	Hartford, Conn.
Smith, Dr. H. M.....	407-409 Federal Building.....	Providence, R. I.
Snyder, Dr. Rudolph.....	P. O. box 844, Capitol Station.....	Helena, Mont.
Spindler, Dr. J. E.....	10 Federal Building.....	Newport, Vt.
Staub, Dr. A. F.....	23 E. Liberty Street. ....	Lancaster, Pa.
Stauber, Mr. Chas. J.....	.....	Woodward, Okla.
Stewart, Dr. W. J.....	210 Federal Building.....	Berkeley, Calif.
Stiles, Dr. Geo. W., jr.....	444 Post Office Building.....	Denver, Colo.
Stillwell, Dr. J. D.....	1106 Hume-Mansur Building.....	Indianapolis, Ind.
Stockler, Dr. B. J.....	300 Federal Building.....	Wheeling, W. Va.
Suit, Dr. F. T.....	Care John Morrell & Co.....	Ottumwa, Iowa.
Sullivan, Dr. W. A.....	P. O. box 809.....	Boise, Idaho.
Sutton, Mr. Erwin.....	.....	Augusta, Wis.
Swanger, Mr. C. H.....	Dome of Federal Building, Ninth and Olive Streets.	St. Louis, Mo.
Tepfer, Dr. D. G.....	32 P. O. Building.....	Fort Dodge, Iowa.
Theobald, Dr. F. E.....	Care The Marion Packing Co., West Center Street.	Marion, Ohio.
Thompson, Dr. F. H.....	111 Federal Building.....	Des Moines, Iowa.
Thompson, Dr. H. Q.....	Care E. H. Moulton Co.....	Haverhill, Mass.
Thompson, Dr. Wm.....	P. O. box 325 (office, 211 Federal Building)...	San Antonio, Tex.



*Address list of officials in charge, and others—Concluded.*

Name.	Address.	City and State.
Tierney, Dr. E. N.....	Care The Schalker Packing Co.....	Leavenworth, Kans.
Totten, Dr. G. E.....	1204 East End Trust Building, Highland and Pennsylvania Avenues.	Pittsburgh, Pa.
Townsend, Dr. N. L.....	303 United States Barge Office.....	New York, N. Y.
Trone, Dr. W. O.....	P. O. box 979 (office, 314-315 Federal Bldg.)...	Dayton, Ohio.
Tuck, Dr. R. W.....	323-324 New Post Office Building.....	New Orleans, La.
Tuckwiller, Mr. R. H.....	.....	Lewisburg, W. Va.
Vaughn, Dr. Paul.....	State Museum Building.....	Raleigh, N. C.
Vermillion, Dr. L. B.....	Care Ottumwa Serum Co.....	Ottumwa, Iowa.
Wagoner, Dr. C. O.....	40 Liberty Avenue.....	Richmond, Ind.
Walter, Dr. H. K.....	Building F, Seventh and B Streets NW.; mail, Bureau of Animal Industry (local office), Department of Agriculture.	Washington, D. C.
Weagly, Dr. C. B.....	Care J. A. Whitfield Co.....	Frederick, Md.
Wende, Dr. B. P.....	25 Live Stock Exchange Building.....	Buffalo, N. Y.
White, Mr. Wm.....	Grove City Creamery.....	Grove City, Pa.
Wilson, Mr. H. L.....	.....	Boone, N. C.
Wilson, Dr. Howard C.....	187 Montgomery Street.....	Troy, Ala.
Wilson, Dr. J. O.....	309 Federal Building.....	Pierre, S. Dak.
Wilson, Mr. L. V.....	University Farm.....	St. Paul, Minn.
Woodward, Mr. T. E.....	.....	Beltsville, Md.
Woolfolk, Dr. G. H.....	Water Street.....	Pottsville, Pa.
Wray, Dr. W. H.....	Maryland, Ledborough Lane (cable address, Wrayt, London).	Beaconsfield, Bucks, Eng- land.
Wright, Dr. W. D.....	Care Boise Butcher Co. (Ltd.).....	Boise, Idaho.
Zurkow, Dr. Morris.....	P. O. box 259.....	Dover, Del.

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